

DESCRIÇÃO TÉCNICA SISTEMA RT 60

ALUMÍNIO

Normativa comunitária para perfis especiais extrudidos em ligas **AW-6060** e **AW-6063**, fabricados com ou sem corte térmico.

UNE-EN 12020-1:2001. Condições técnicas de inspecção e fornecimento.

UNE-EN 12020-1:2001. Tolerâncias dimensionais e de forma.

ESPESSURA MÉDIA DA SÉRIE: ENTRE 1,30 mm e 1,55 mm.

DIMENSÕES

Profundidade das partes fixas de 55 mm, com perfis reforçados até 100 mm, de acordo com as necessidades estáticas;

Profundidade das partes móveis 62,4 mm;

Altura dos bites 22 mm.

VIDRO

O sistema **RT-60** permite a colocação de vidros entre 20 e 40 mm.

ESTANQUIDADE

A estanquidade ao ar e à água está assegurada por uma junta central de **EPDM** com apoio directo sobre o plano do perfil móvel e um vedante adicional no interior da folha móvel.

CLASSIFICAÇÕES

Testes realizados de acordo com as normas UNE-EN:

Permeabilidade ao ar	CLASSE 4	UNE-EN 1026:2000
Estanquidade à água	CLASSE 9A	UNE-EN 1027:2000
Resistência ao vento	CLASSE C4	UNE-EN 12211:2000

UTILIZAÇÃO

O sistema **RT-60** permite o fabrico de fixos, portas e janelas, com a possibilidade de realizar as principais aberturas de aro móvel, cremone, oscilo-batente, oscilo paralela, harmónio e tipo livro.

ACABAMENTO DE SUPERFÍCIE

Os materiais podem ser fornecidos em bruto ou com diversos acabamentos, tanto superficiais (lacagem, anodização) como mecânicos (lixado; raspado; polido). A qualidade dos acabamentos está garantida pelos seguintes certificados;

ANODIZAÇÃO certificada de acordo com as normas **EUWAA-EURAS** (Licença nº 1018);

LACAGEM certificada de acordo com as normas **QUALICOAT** (Licença nº 455).

ACESSÓRIOS

Para o fabrico da caixilharia existem acessórios exclusivos e acessórios “comerciais” recomendados pelo fabricante.

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FABRICO E MONTAGEM

Para o fabrico e montagem da caixilharia devem seguir-se as indicações recomendadas pelo fabricante.

ATENUAÇÃO ACÚSTICA

O objectivo deste requisito básico “protecção contra o ruído” consiste em reduzir o risco dos utilizadores dos prédios, quando dentro destes e em condições normais de utilização, sofram de **mau estar** ou doenças produzidas pelo ruído.

COEFICIENTE DE TRANSMISSÃO TÉRMICA RT60

O coeficiente de transmissão térmica certificado por CIDEMCO N° 16445 – 1, APLICANDO A NORMA EM ISO 10077:2003 O COEFICIENTE (F): $U_f = 2,8$ w/M2 k. (aro e folha em separado).



ENSATEC, S.L.
 Pol. Ind. Lentiscars.
 Avda Lentiscars 4-6
 26370 NAVARRETE (LA RIOJA)
 Tel. 941 25 04 66
 Fax. 941 25 33 88

Certificado nº: 117412

ACREDITACIÓN



Certificado de Ensayos

Emitido a

EMPRESA: **PERFIAL, S.L.**

DIRECCIÓN: **POL. IND. MIRALCAMPO, PARCELA 13A-13B.
 AZUQUECA DE HENARES. GUADALAJARA..**

PRODUCTO: **VENTANA ABATIBLE DE GIRO VERTICAL PRACTICABLE
 AL INTERIOR DE DOS HOJAS DERECHA
 DIMENSIONES: 1'200 m x 1.200 m. SERIE RT-60**

FECHA ENSAYO: **17 de Diciembre de 2003**

ENSAYO DE PERMEABILIDAD AL AIRE

UNE-EN 1026:2000

CLASIFICACIÓN:

CLASE 4

ENSAYO DE ESTANQUIDAD AL AGUA

UNE-EN 1027:2000

CLASIFICACIÓN:

CLASE 9A

ENSAYO DE RESISTENCIA AL VIENTO

UNE-EN 12211:2000

CLASIFICACIÓN:

CLASE C5

Este documento no es válido sin el correspondiente informe de ensayos cuyo número coincide con el del certificado. En este informe de ensayos quedan recogidos los resultados obtenidos en cada ensayo.

Estos sólo se refieren a la(s) muestra(s) analizada(s) por ENSATEC, S.L. en la fecha y producto arriba indicados, y pueden permitir una constancia en las prestaciones de la calidad de la producción.

Este certificado tiene una validez de un año a partir de la fecha de su emisión.



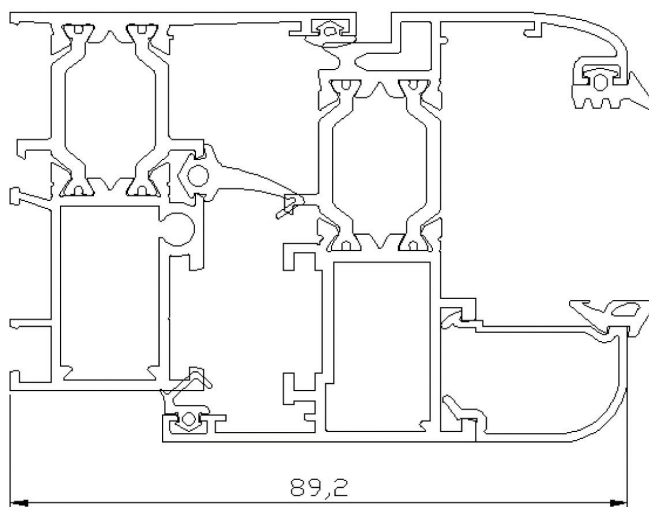
Logroño, 13 de Enero de 2004

Certificado de Ensayos

EMPRESA	DIRECCIÓN
PERFIAL S.A.	P.I. MIRALCAMPO C/PLÁSTICO, 10 A-B 19200 AZUQUECA DE HENARES (GUADALAJARA)
Nº CERTIFICADO	16445-(1)

PERFILES DE ALUMINIO REF. «RT60 – SECCIÓN LATERAL 1»

ENSAYO	RESULTADO
SIMULACIÓN DEL COEFICIENTE DE TRANSMISIÓN TÉRMICA «U» (UNE EN ISO 10077-2:2003)	2,8



Serie RT60 – Sección lateral 1














FECHA 11 de julio 2007















El resultado recogido en este certificado solo se refiere al material recibido y sometido a validación en este Centro de Investigación. Este certificado no podrá ser reproducido sin la autorización expresa de CIDEMCO, excepto cuando lo sea de forma íntegra.

Fdo: 
Asier Maiztegi
Director Dpto. Construcción

DESENHO	REF.	DESCRIÇÃO
	55010	Soleira de Condensação P: 424.1 / Pext. 381.6 lxx' 2.65 cm4, lyy' 10.4 cm4
	55095	Perfil Separador P: 265.8 / Pext. 185.5 lxx' 0.33 cm4, lyy' 6.52 cm4
	55100	Aro fixo P: 418.5 / Pext. 326.5 lxx' 4.56 cm4, lyy' 8.96 cm4
	55110	Aro fixo P: 431 / Pext. 339 lxx' 4.61 cm4, lyy' 9.15 cm4
	55130	Aro com Remate de 30 mm P: 489.3 / Pext. 397.3 lxx' 8.8 cm4, lyy' 11.6 cm4
	55135	Aro fixo P: 601.4 / Pext. 448.8 lxx' 23.9 cm4, lyy' 13.8 cm4
	55140	Aro fixo P: 535.3 / Pext. 400.7 lxx' 12.8 cm4, lyy' 11.8 cm4
	55150	Aro fixo de 62 mm
	55156	Aro fixo de 62 mm com Remate
	55170	Aro rústico janela P: 629 / Pext. 417 lxx' 7.5 cm4, lyy' 21.1 cm4
	55175	Aro rústico porta P: 764.4 / Pext. 478.8 lxx' 18.6 cm4, lyy' 27.9 cm4
	55200	Aro móvel de Janela P: 530.2 / Pext. 417.7 lxx' 14.5 cm4, lyy' 7.11 cm4
	55205	Aro Móvel de Porta P: 748.6 / Pext. 523.5 lxx' 21.4 cm4, lyy' 30.3 cm4
	55210	Aro Móvel de Janela P: 536.7 / Pext. 421.2 lxx' 14.3 cm4, lyy' 8.3 cm4
	55220	Aro Móvel Vidro Directo P: 594 / Pext. 478.7 lxx' 16.3 cm4, lyy' 12.5 cm4

DESENHO	REF.	DESCRIÇÃO
	55222	Aro Móvel Vidro Directo P: 812.0 / Pext. 586.9 lxx' 23.6 cm4, lyy' 40.9 cm4
	55230	Aro Móvel Abertura Exterior P: 670.5 / Pext. 472.3 lxx' 18.1 cm4, lyy' 19.5 cm4
	55232	Aro Móvel Abertura Exterior P: 663.9 / Pext. 465.7 lxx' 18.4 cm4, lyy' 18.5 cm4
	55233	Aro Móvel Ab. Ext. Rústico P: 657.6 / Pext. 459.4 lxx' 17.6 cm4, lyy' 18.8 cm4
	55234	Aro Móvel Abertura Exterior P: 805.5 / Pext. 540.7 lxx' 22.6 cm4, lyy' 41.5 cm4
	55235	Perfil Inversor Batente Porta P: 428.5 / Pext. 305.1 lxx' 5.6 cm4, lyy' 7.7 cm4
	55240	Aro Móvel Porta P: 765.5 / Pext. 540.4 lxx' 21.4 cm4, lyy' 33.1 cm4
	55250	Aro Móvel Sacada P: 611.1 / Pext. 455 lxx' 17.3 cm4, lyy' 13.3 cm4
	55260	Aro Móvel Janela P: 615.3 / Pext. 461.3 lxx' 17.12 cm4, lyy' 14.8 cm4
	55270	Aro Móvel Rústico Janela P: 521.5 / Pext. 406 lxx' 13.8 cm4, lyy' 7.2 cm4
	55272	Aro Móvel Rústico P: 604.4 / Pext. 448.3 lxx' 16.6 cm4, lyy' 13.6 cm4
	55275	Aro Móvel Rúst. Vidro Directo P: 589.8 / Pext. 474.3 lxx' 15.6 cm4, lyy' 11.8 cm4
	55277	Aro Móvel Rúst. Vidro Directo P: 721 / Pext. 534.1 lxx' 20.1 cm4, lyy' 24.5 cm4
	55280	Aro Móvel Rúst. Vidro Directo P: 808.1 / Pext. 583.1 lxx' 22.8 cm4, lyy' 39.9 cm4
	55285	Aro Móvel Rústico Porta P: 739.9 / Pext. 514.8 lxx' 20.7 cm4, lyy' 30.5 cm4

DESENHO	REF.	DESCRIÇÃO
	55300	Perfil Inversor Central Curvo P: 502.9 / Pext. 382.6 lxx' 12.0 cm4, lyy' 7.35 cm4
	55370	Perfil Inversor Central Rústico P: 503.4 / Pext. 383.1 lxx' 11.9 cm4, lyy' 7.6 cm4
	55420	Travessa de 72 mm P: 487.9 / Pext. 383.5 lxx' 8.04 cm4, lyy' 9.7 cm4
	55421	Travessa de 72 mm P: 558.8 / Pext. 412 lxx' 7.95 cm4, lyy' 13.5 cm4
	55440	Travessa de 94 mm P: 620.6 / Pext. 472.5 lxx' 25.3 cm4, lyy' 13.4 cm4
	55441	Travessa de 94 mm P: 647 / Pext. 487.7 lxx' 25.6 cm4, lyy' 18.7 cm4
	55460	Travessa de 130 mm P: 836.8 / Pext. 616.6 lxx' 85.8 cm4, lyy' 19.2 cm4
	55461	Travessa de 130 mm P: 1010.5 / Pext. 631.8 lxx' 89.6 cm4, lyy' 26.9 cm4
	55470	Travessa de Reforço 130 mm P: 831.5 / Pext. 543.5 lxx' 38.5 cm4, lyy' 30.1 cm4
	55480	Travessa de Vidro Directo 80 mm P: 598.9 / Pext. 425.2 lxx' 6.5 cm4, lyy' 19.5 cm4
	45050	Rótula Macho de 56,5 mm P: 469.8 / Pext. 353.6 lxx' 9.28 cm4, lyy' 12.8 cm4
	45053	Rótula Fêmea de 56,5 mm P: 456 / Pext. 335 lxx' 13.4 cm4, lyy' 8.65 cm4
	45065	Rótula Macho de 121.5 mm Pext. 804.4
	45067	Rótula Fêmea de 121.5 mm Pext. 801.5

DESENHO	REF.	DESCRIÇÃO
	45072	Perfil Guia de Estore de 120 Pext. 723.1
	45074	Perfil Guia de Estore de 140 Pext. 763.2
	40022	Perfil Complementar
	40023	Perfil Complementar
	40070	Perfil Complementar
	30010	Perfil Guia de Estore Exterior de 120
	30011	Perfil Guia de Estore Exterior de 140
	20121	Remate exterior Guia
	20123	Remate p/ RECOGEDOR Estore
	20124	Perfil Guia de Estore c/ remate
	AL 1303	Perfil Complementar
	AL 1371	Perfil Complementar
	AL 2045	Perfil Complementar
	AW 45	Perfil Complementar



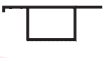







DESENHO REF. DESCRIÇÃO

VIDRO

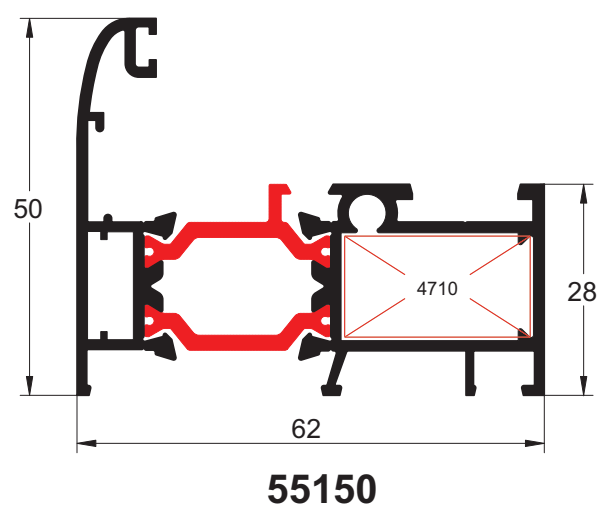
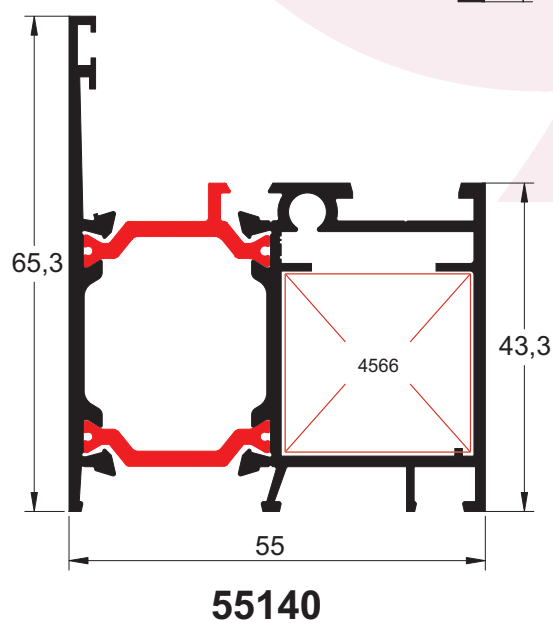
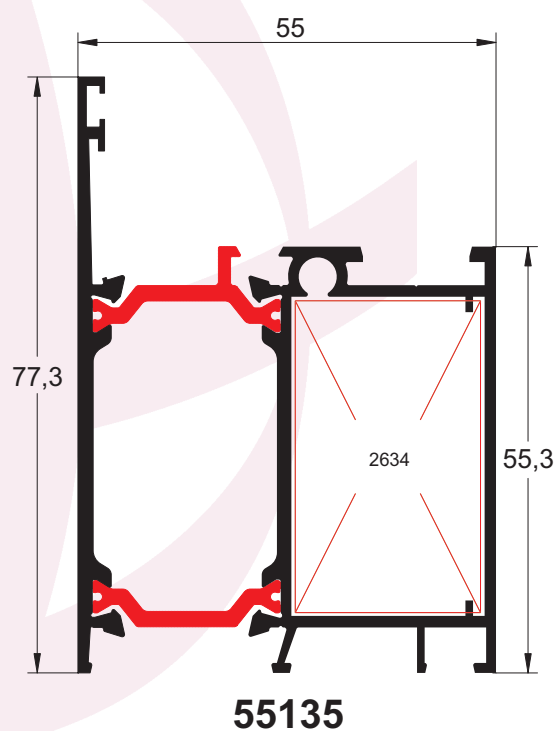
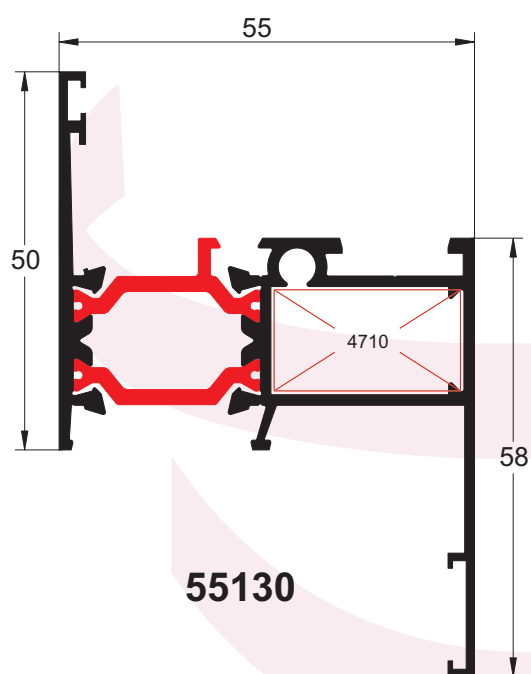
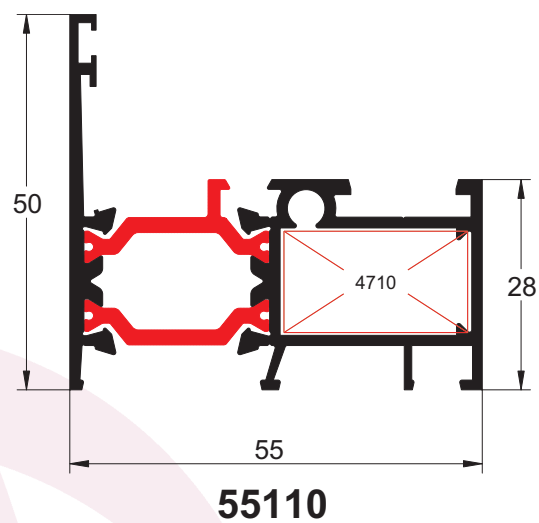
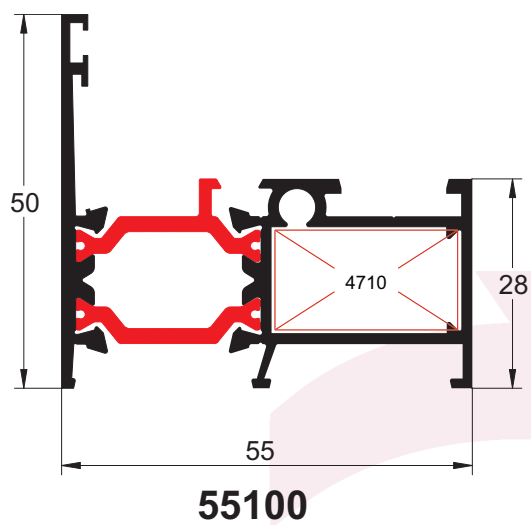
	40504	Bite Recto c/ mola 3,5 mm.
	40508	Bite Recto c/ mola 8 mm.
	40512	Bite recto 12 mm
	40517	Bite recto 17 mm
	40519	Bite recto 19 mm
	40522	Bite recto 22 mm
	40527	Bite recto 27 mm
	40532	Bite recto 32 mm
	40590	Perfil complementar 36 mm
	40612	Bite canto redondo 12 mm
	40617	Bite canto redondo 17 mm
	40619	Bite canto redondo 19 mm
	40622	Bite canto redondo 22 mm
	40627	Bite canto redondo 27 mm
	40712	Bite redondo c/ mola 12 mm
	40717	Bite redondo c/ mola 17 mm
	40719	Bite redondo c/ mola 19 mm
	40722	Bite redondo c/ mola 22 mm
	40727	Bite redondo c/ mola 27 mm
	40812	Bire rústico c/ mola 12 mm
	40912	Bite rústico 12 mm

DESENHO REF. DESCRIÇÃO

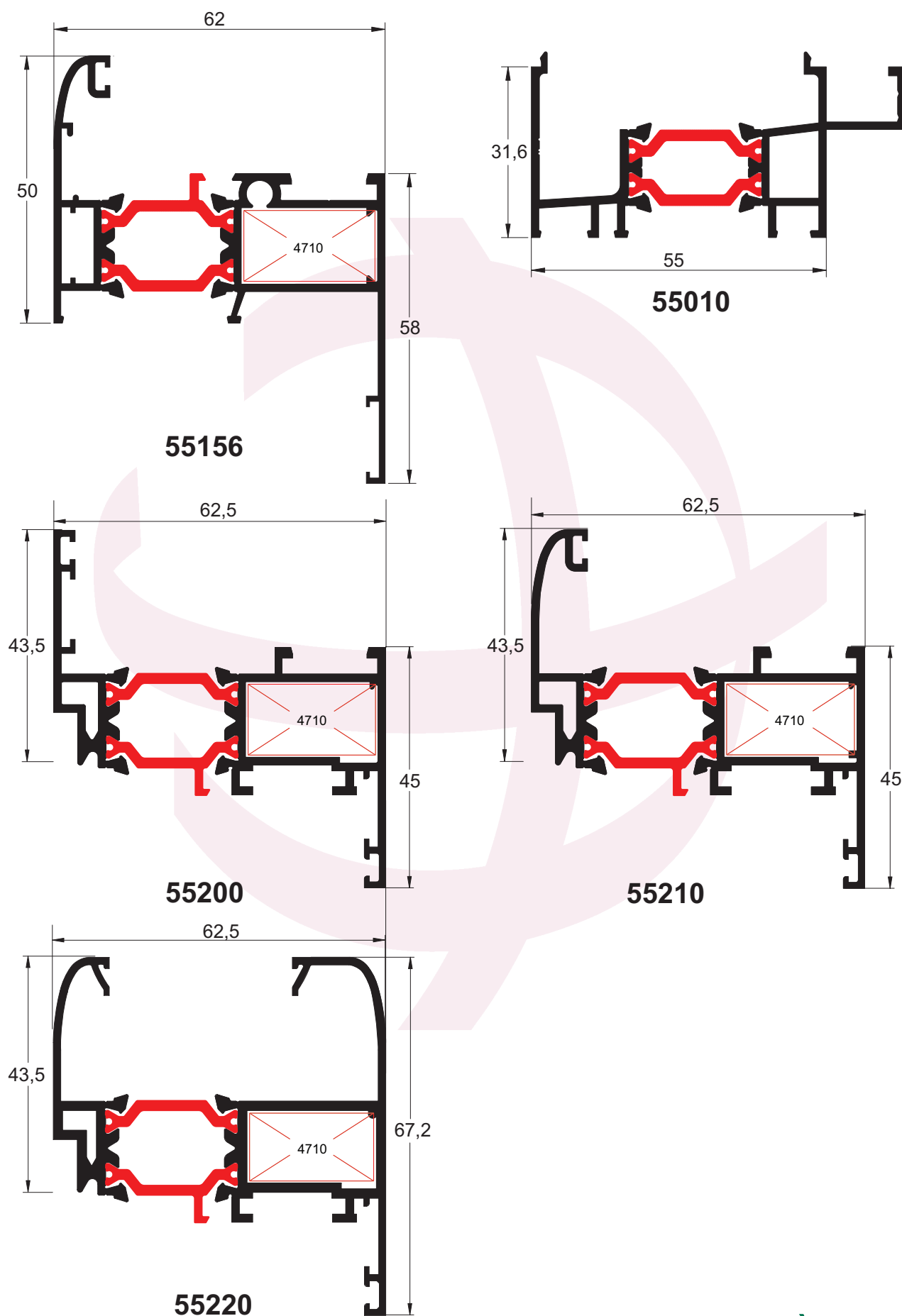
VIDRO

	40509	Perfil Complementar de Remate
PRÉ-ARO		
	20101	Pré-aro de 39,5 mm
	20102	Pré-aro de 53,5 mm
	20103	Pré-aro de 63,5 mm
	20104	Pré-aro de 116 mm
	20104	Pré-aro de 136 mm
	40004	Barra de Cremone
	40080	Perfil Complementar
	40081	Perfil Complementar
	40082	Perfil Complementar

AROS FIXOS

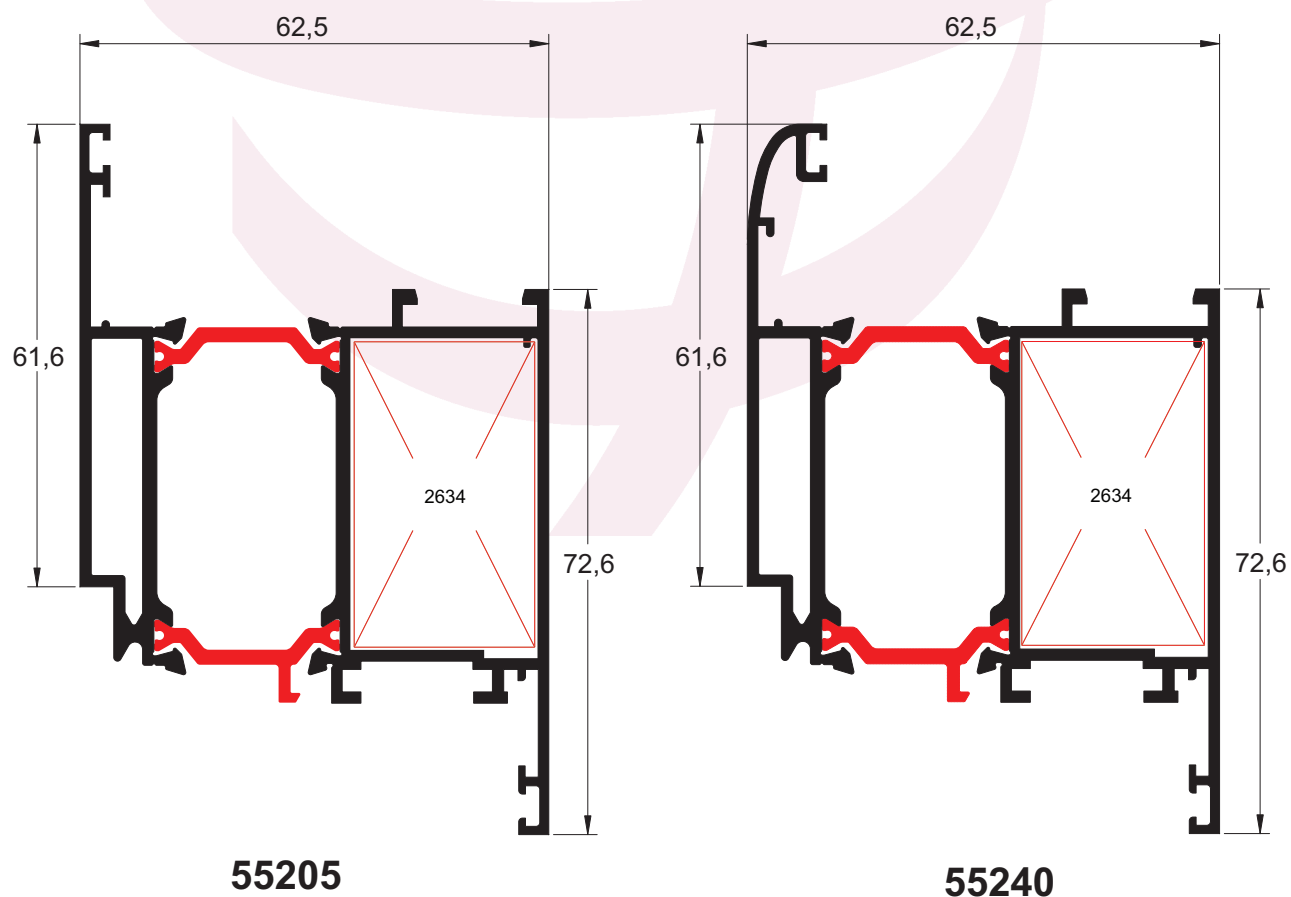
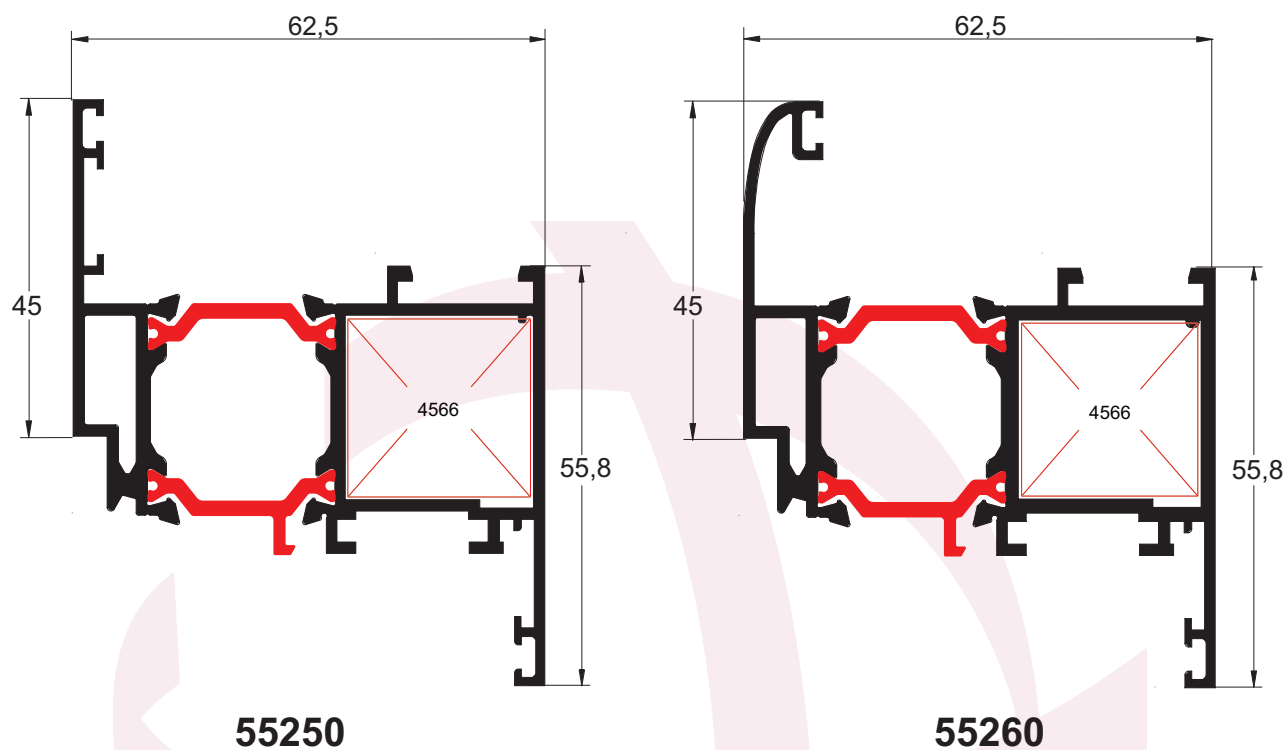


AROS MÓVEIS DE JANELAS

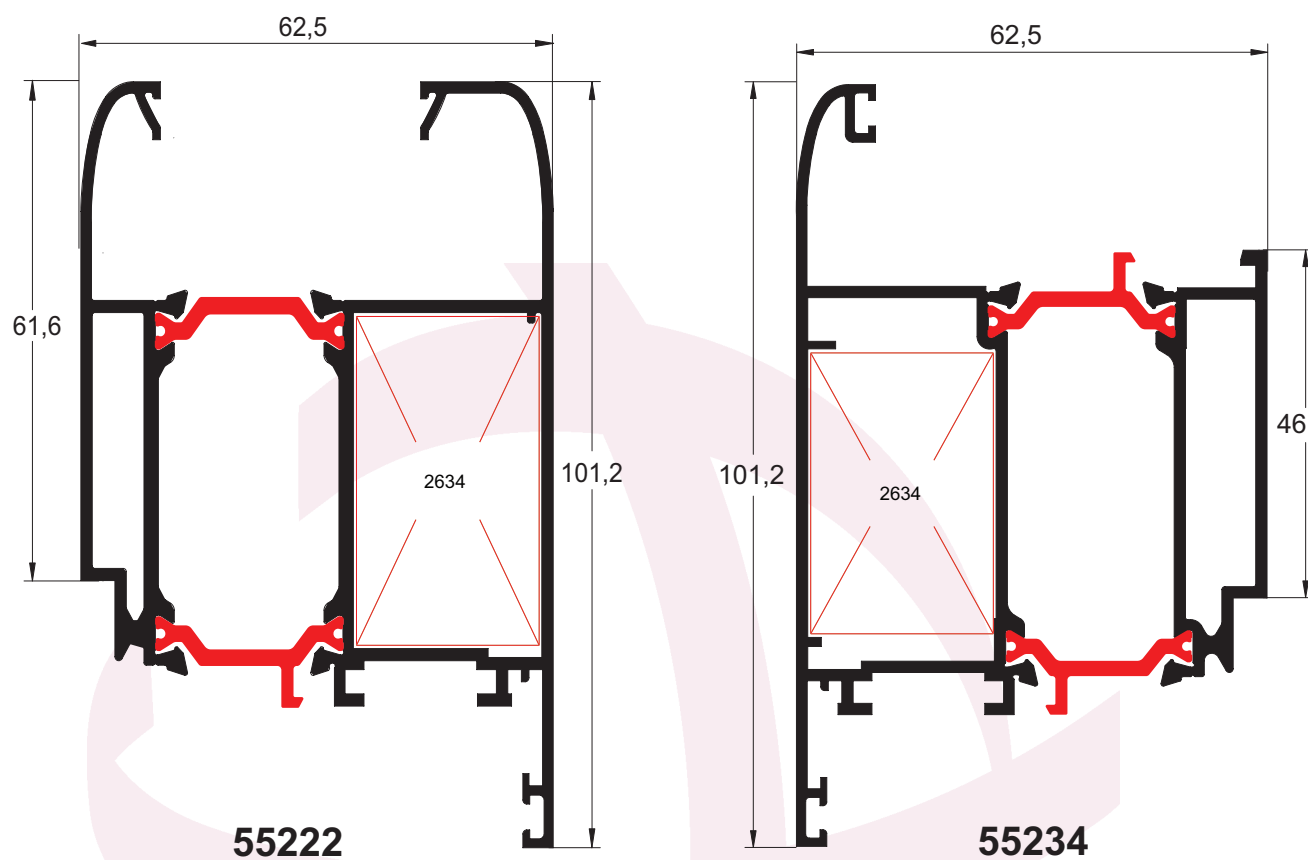


AROS MÓVEIS DE JANELAS

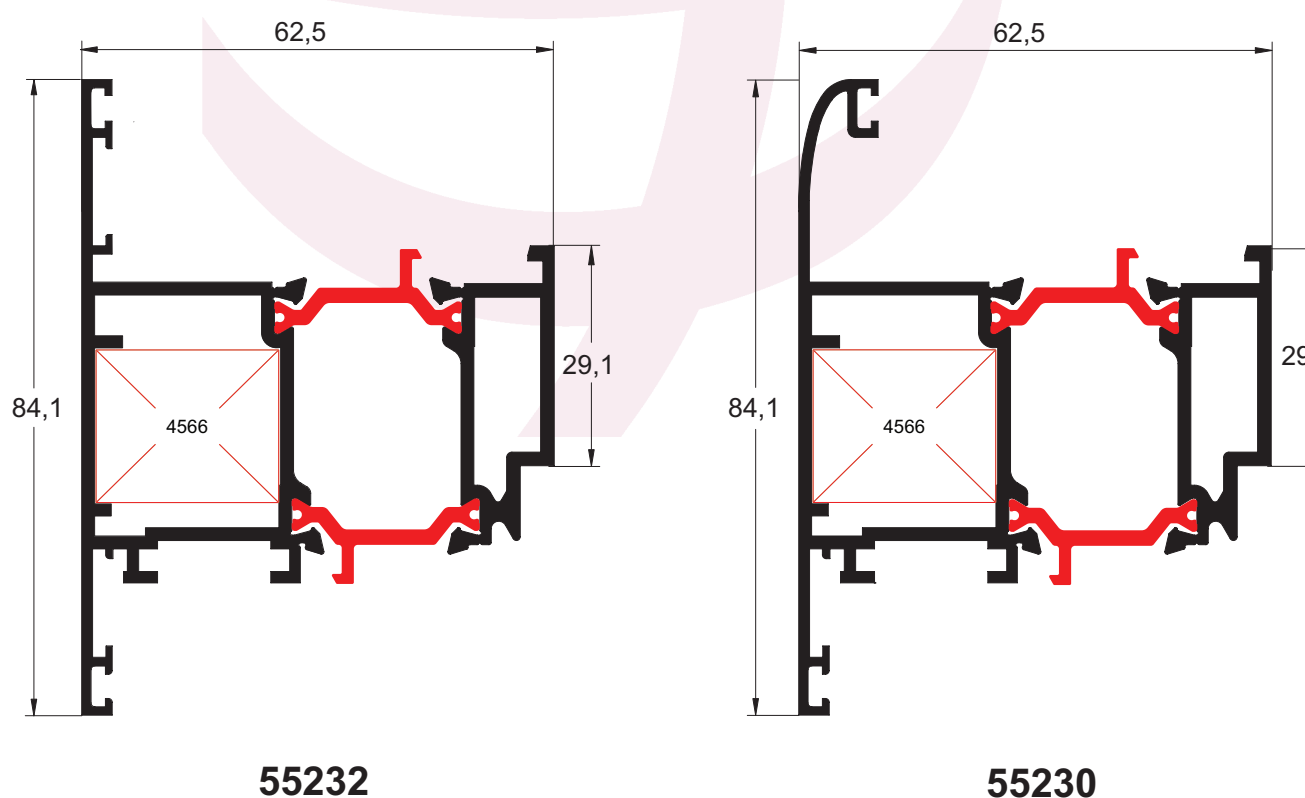
Perfis



AROS MÓVEIS DE PORTAS

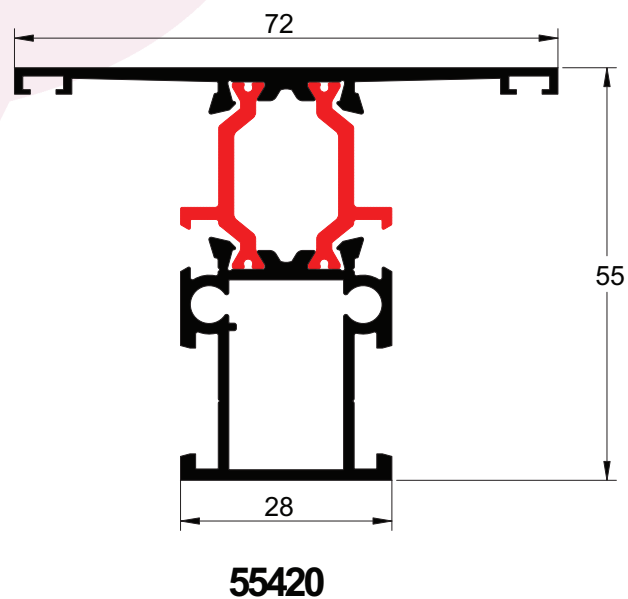
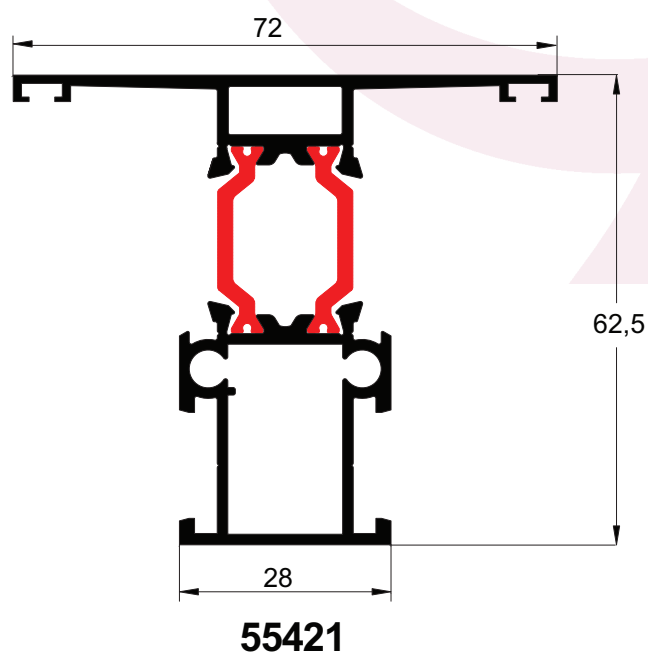
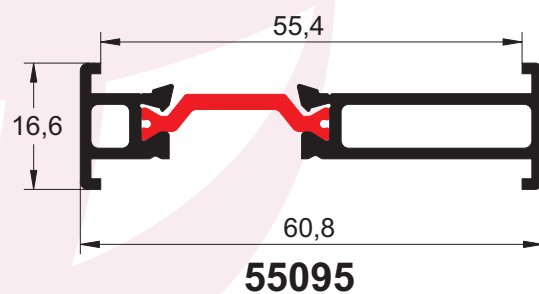
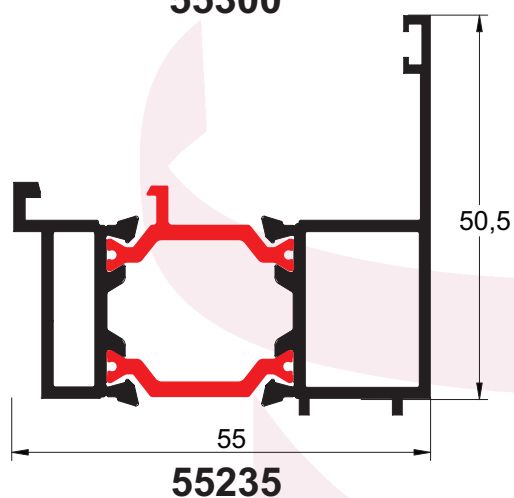
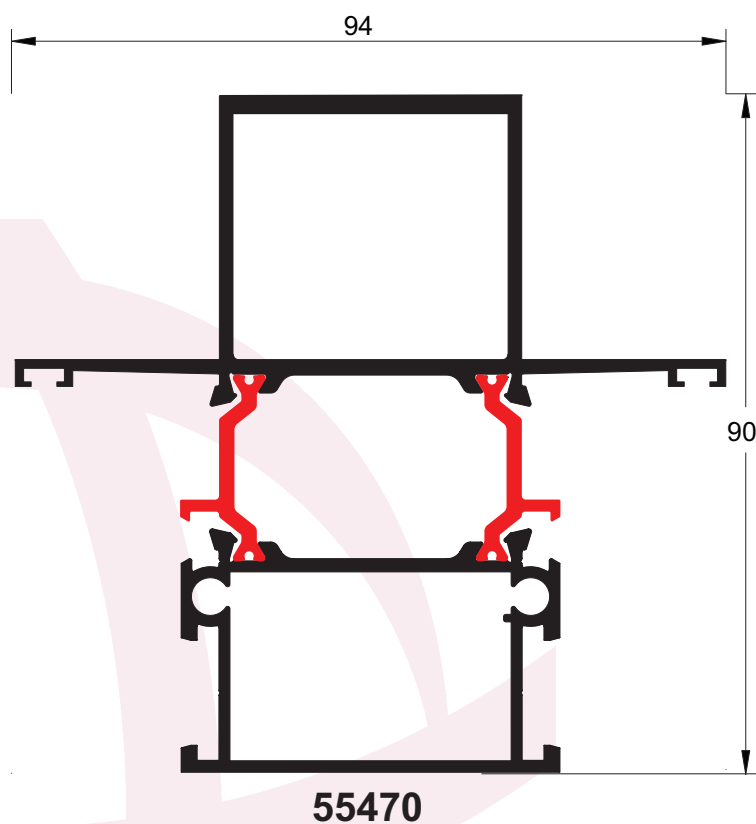
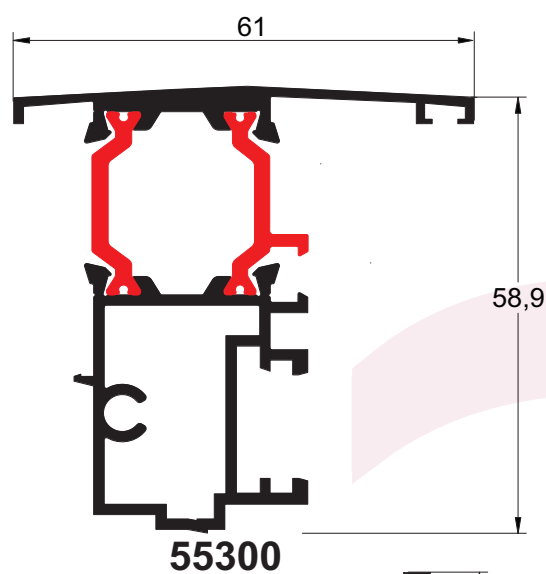


Perfis

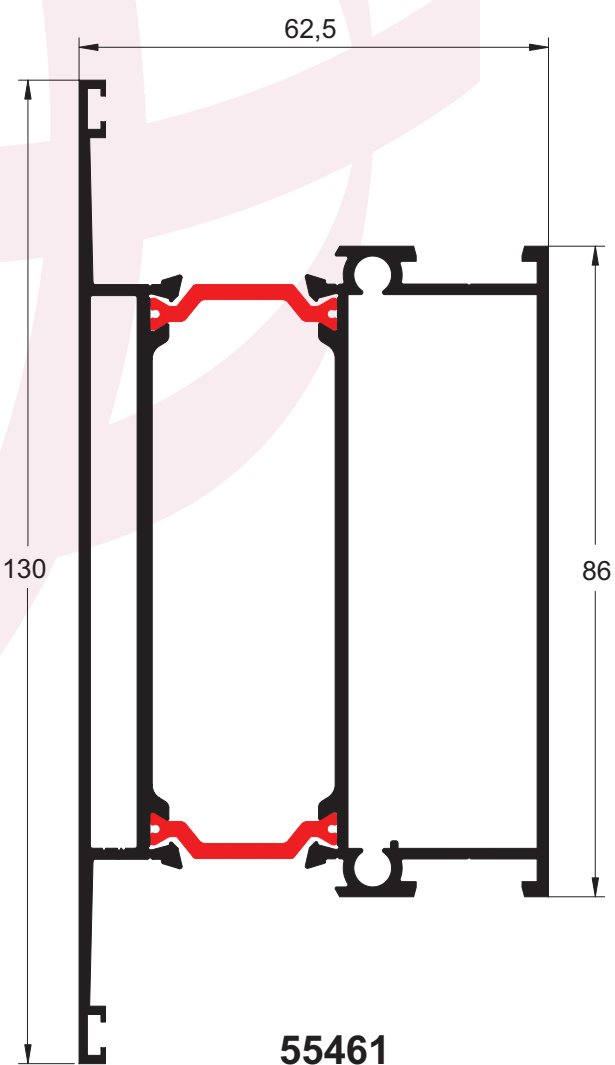
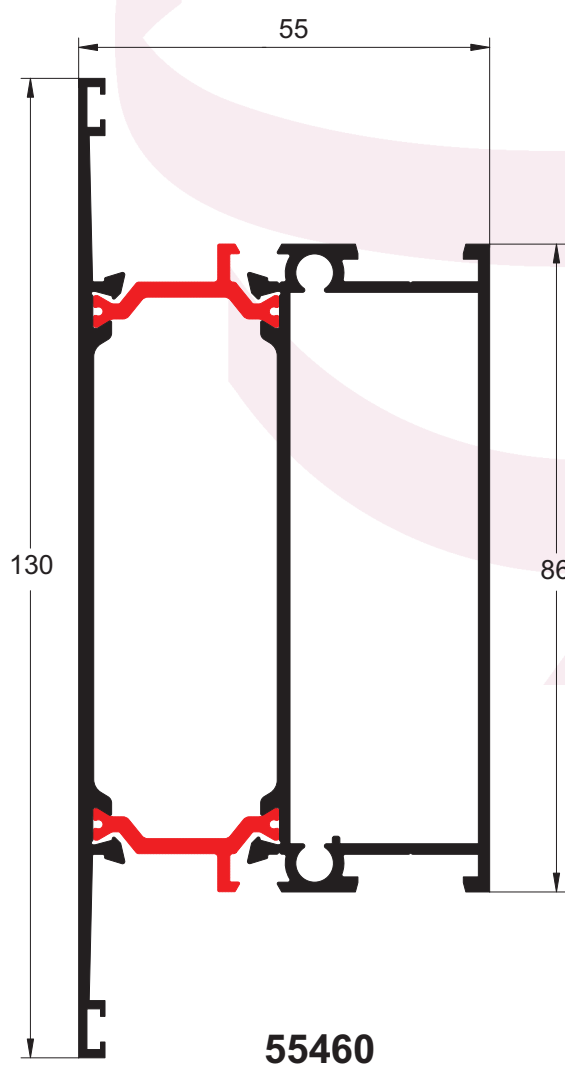
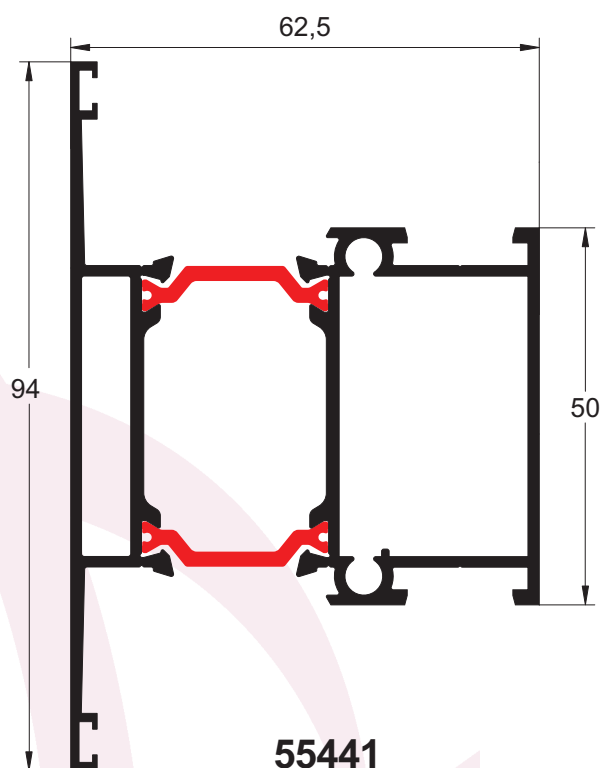
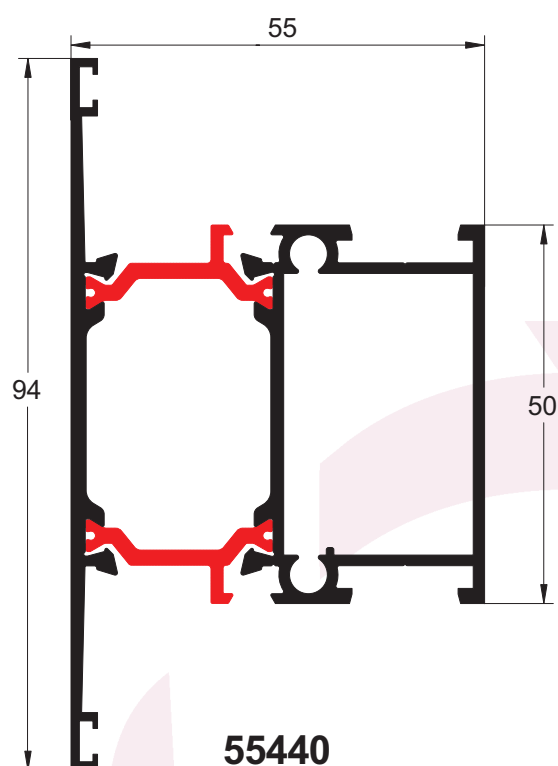


MONTANTES E TRAVESSAS

Perfis



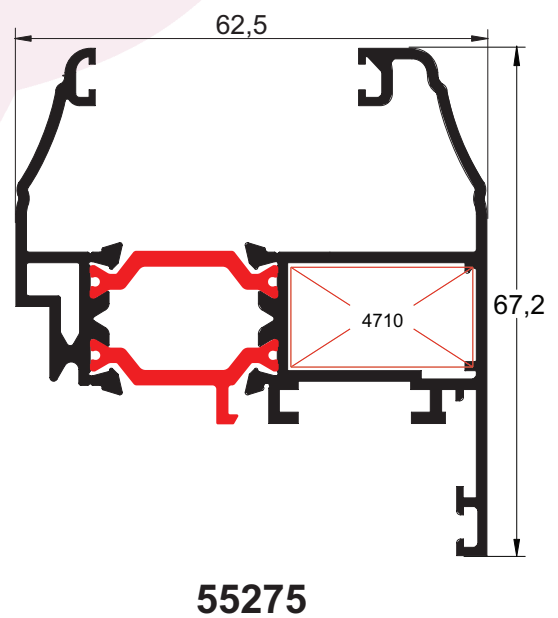
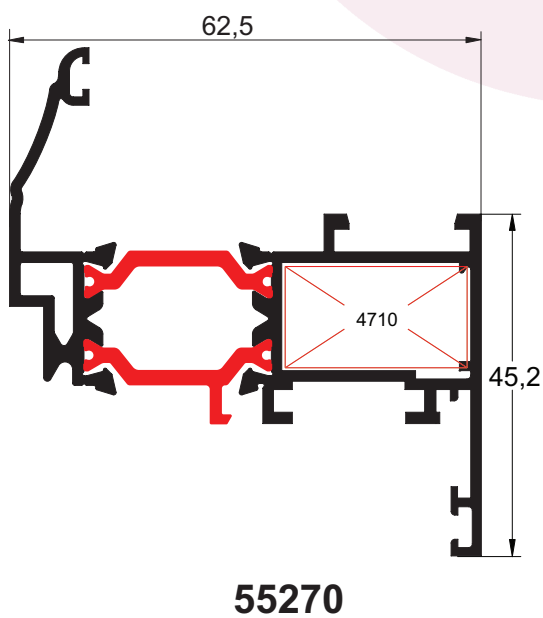
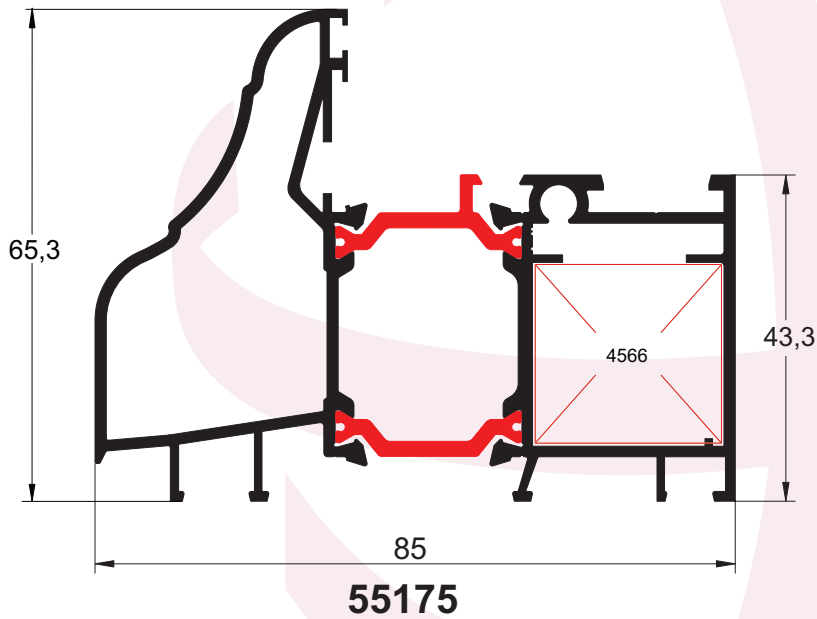
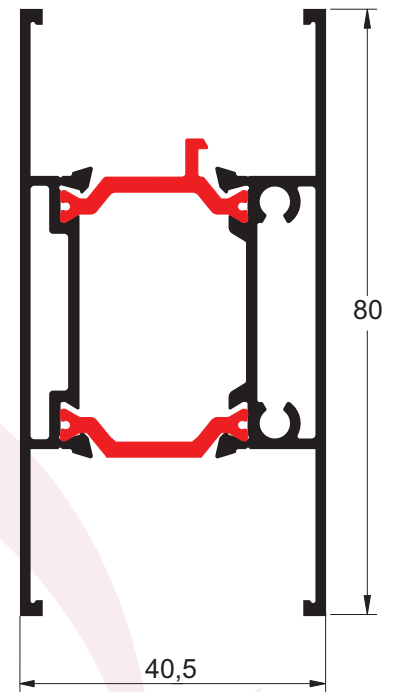
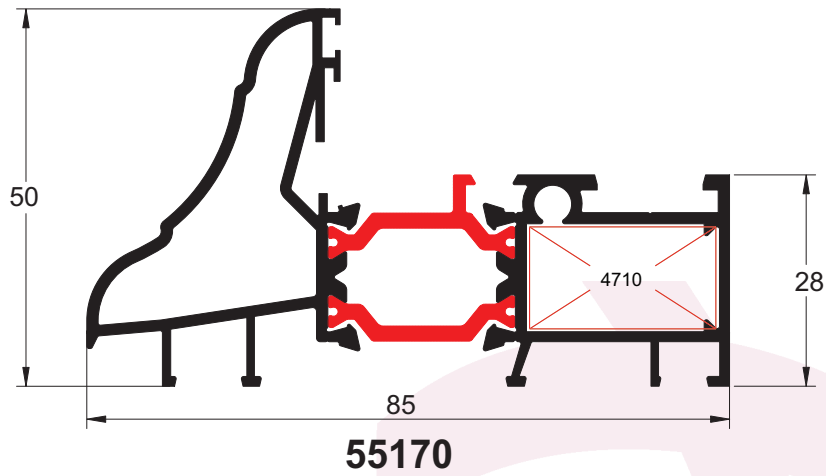
MONTANTES E TRAVESSAS



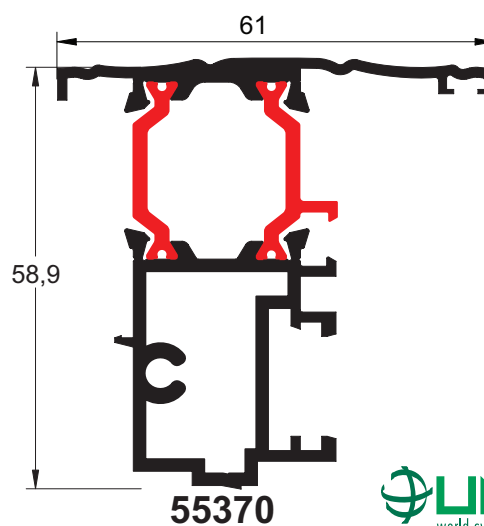
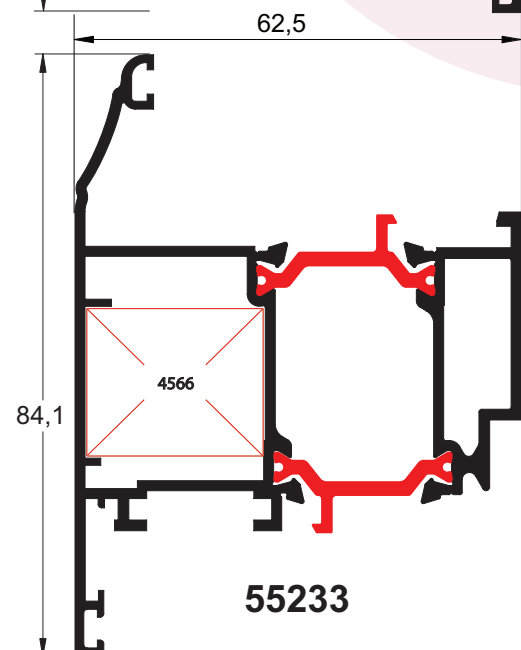
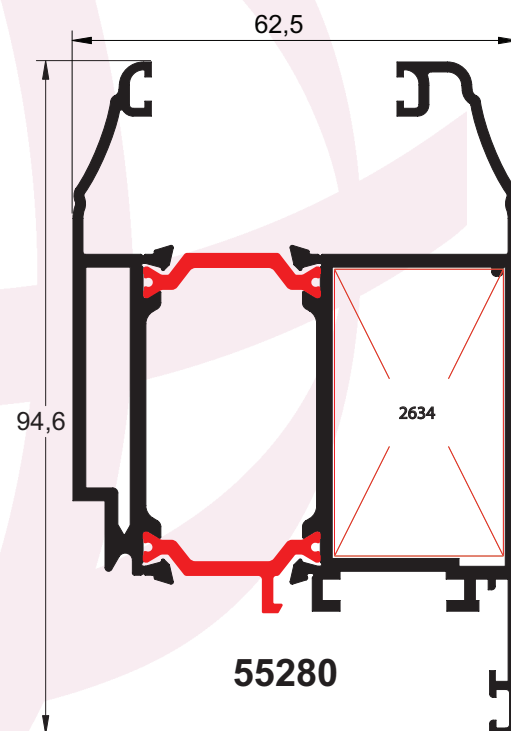
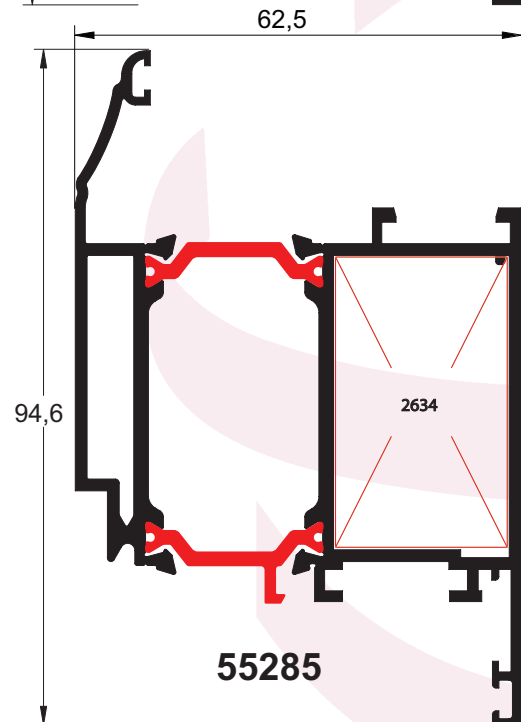
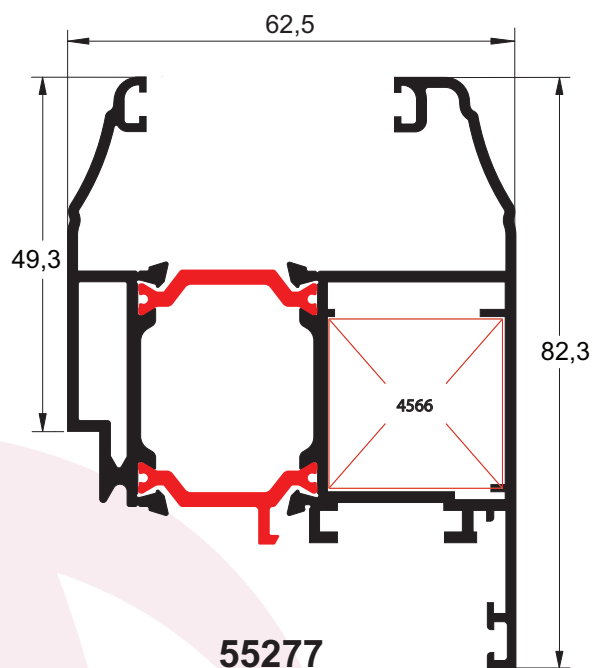
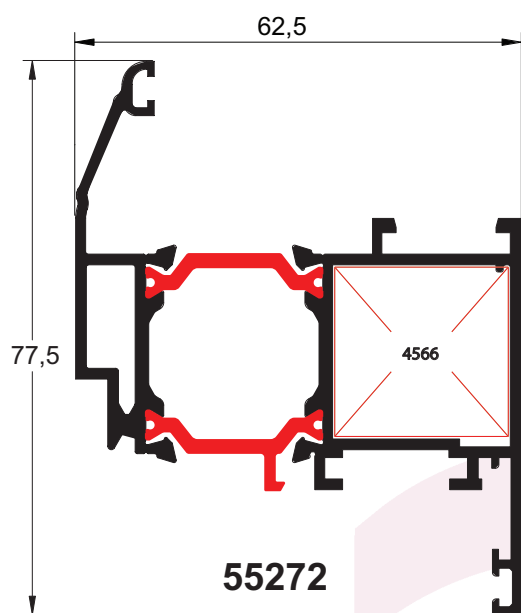
Perfis

AROS FIXOS / AROS MÓVEIS RÚSTICOS

Perfis



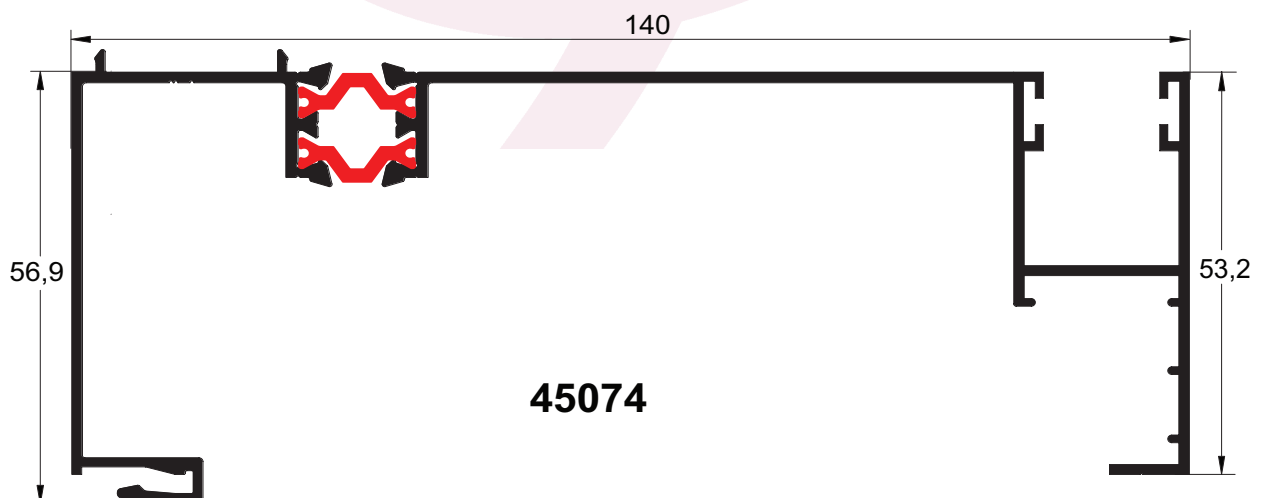
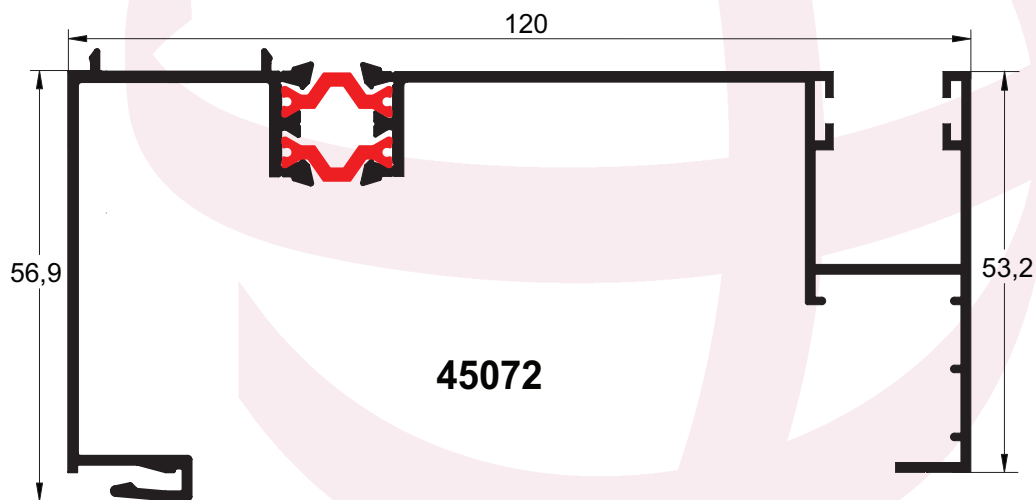
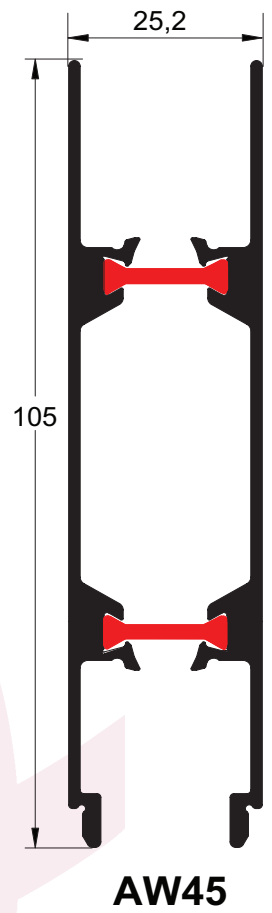
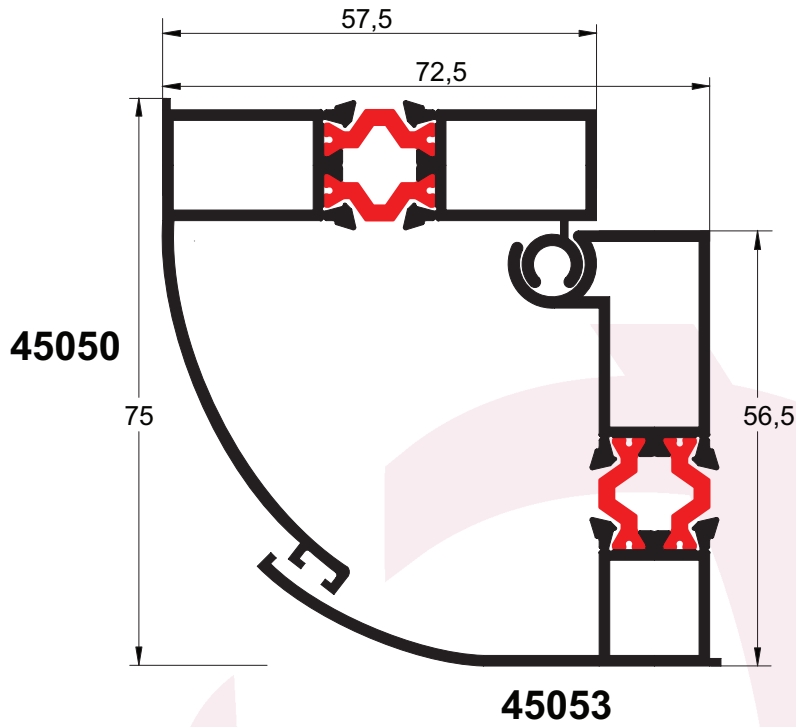
AROS MÓVEIS RÚSTICOS



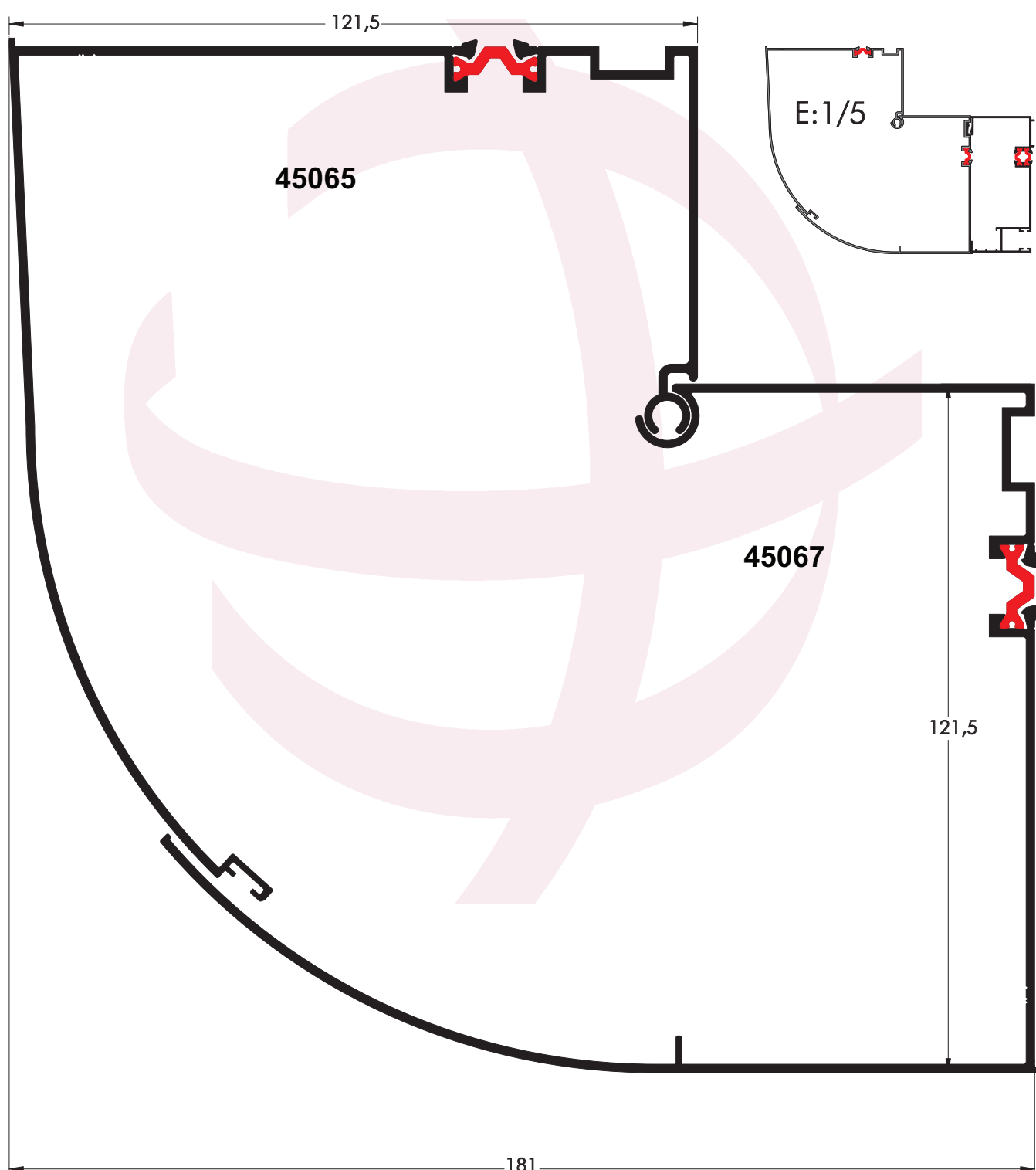
Perfis

COMPLEMENTOS

Perfis



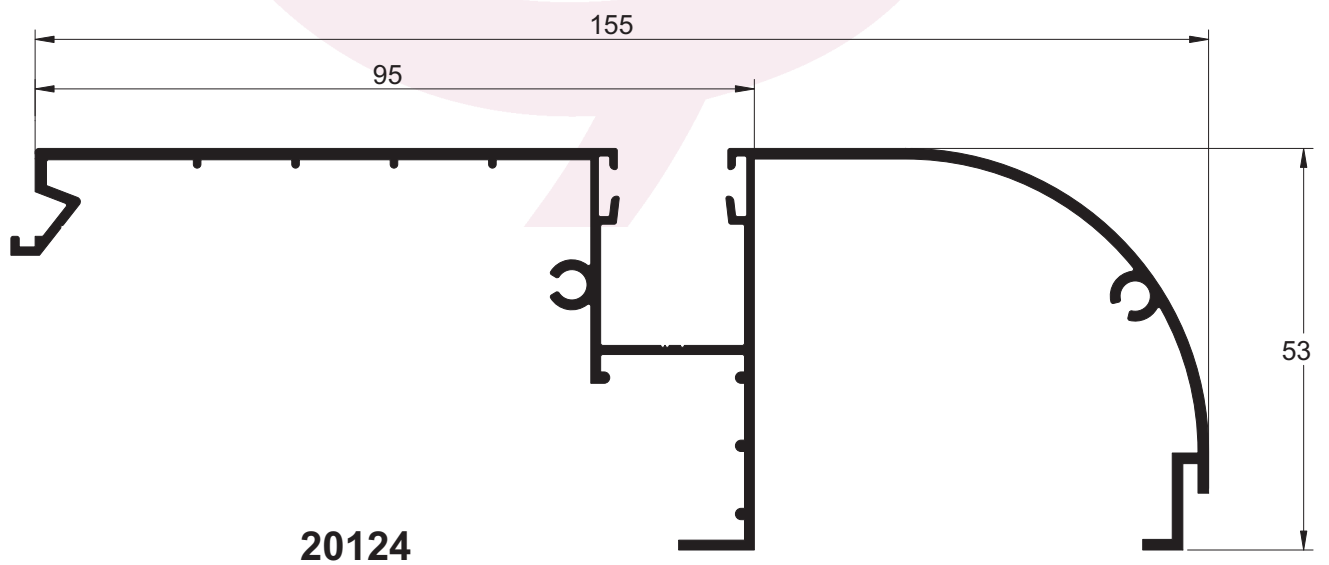
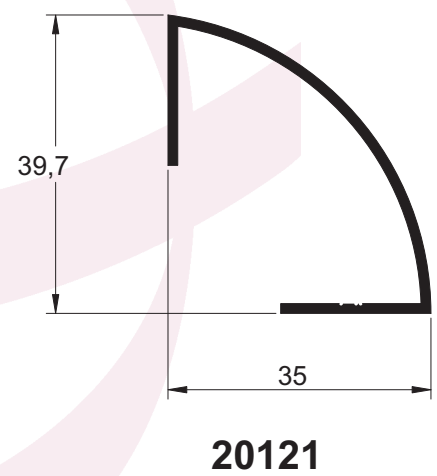
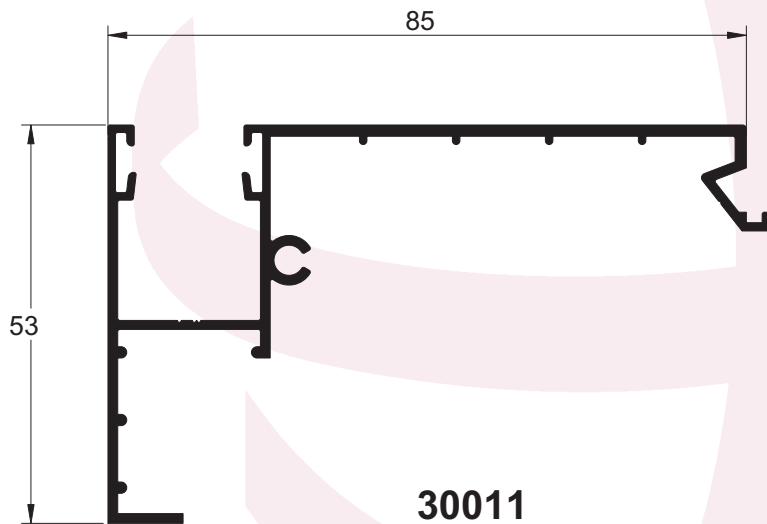
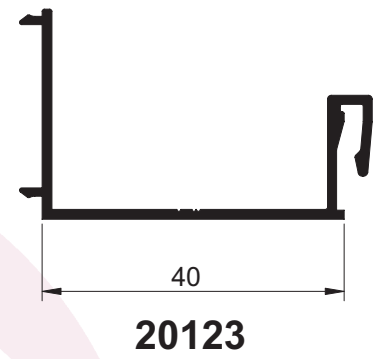
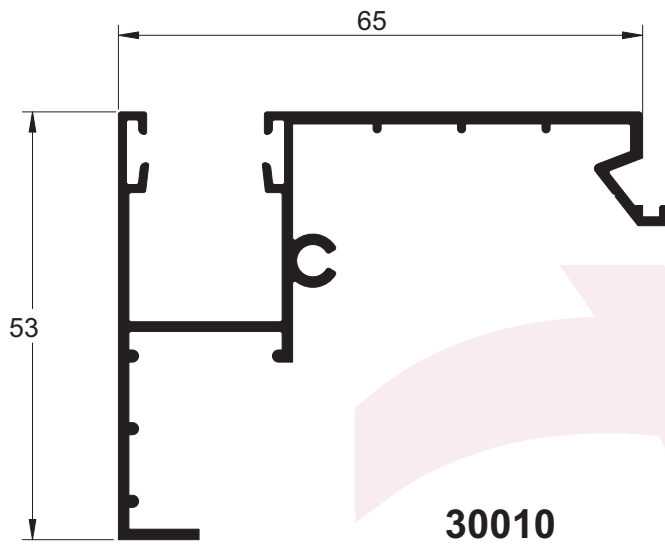
RÓTULAS ANGULARES P/MONOBLOCO



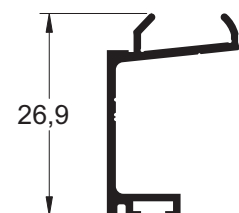
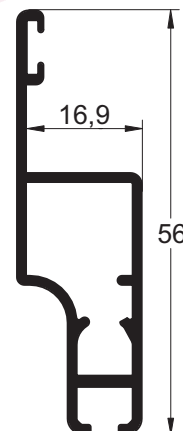
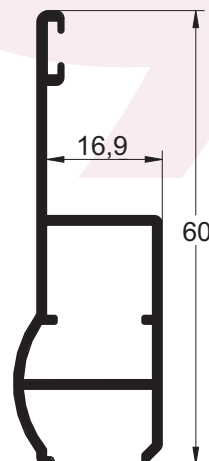
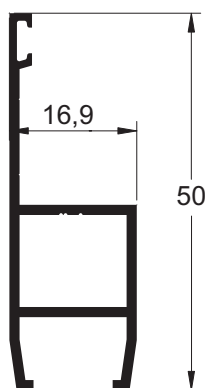
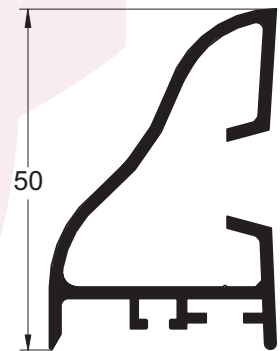
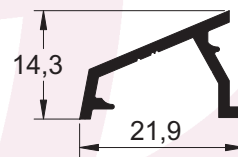
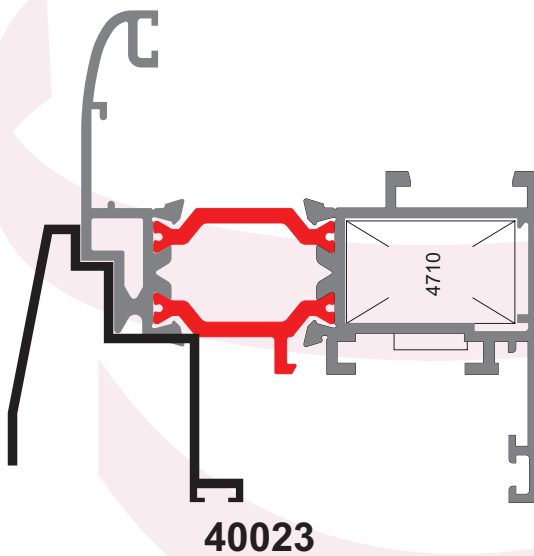
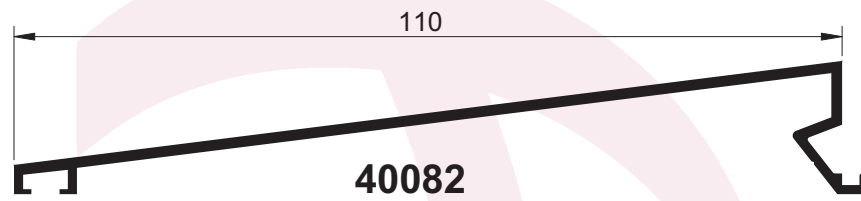
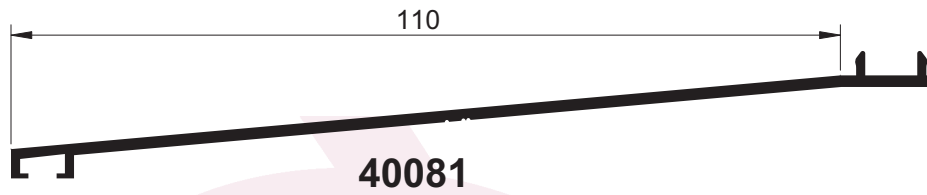
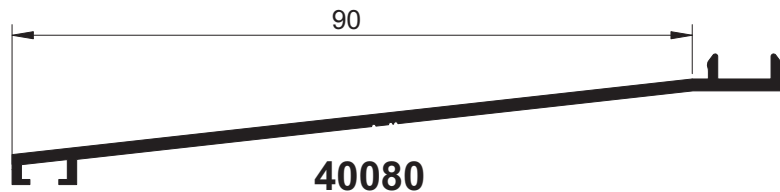
Perfis

PERFIS COMPLEMENTARES

Perfis



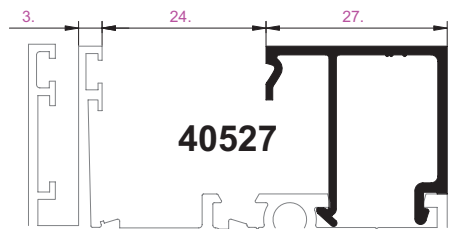
PERFIS COMPLEMENTARES



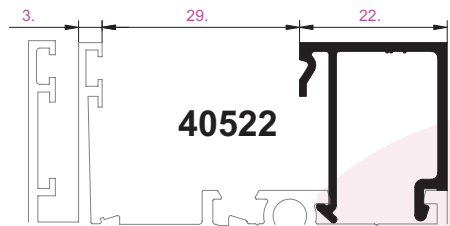
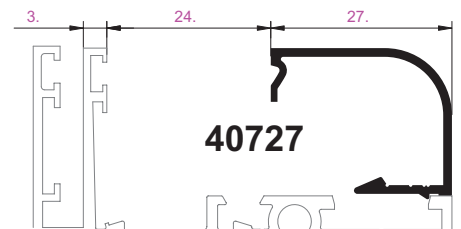
Perfis

BITES

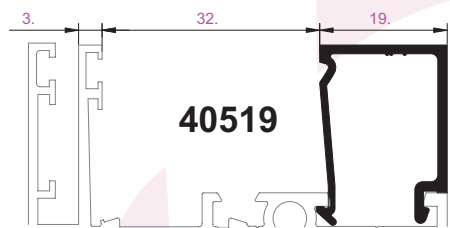
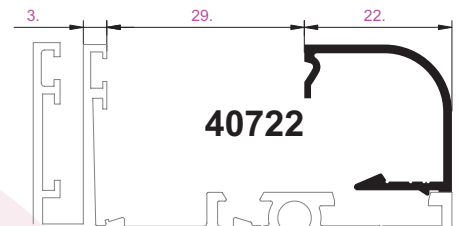
Perfis



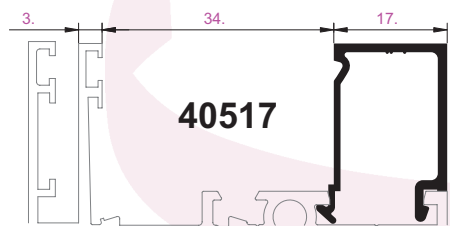
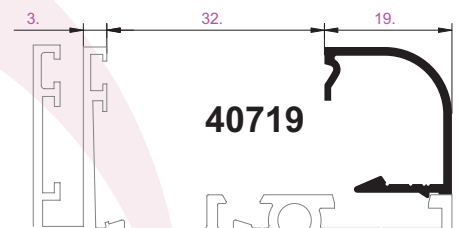
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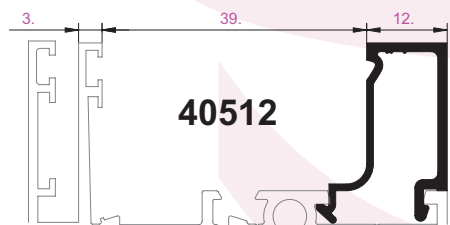
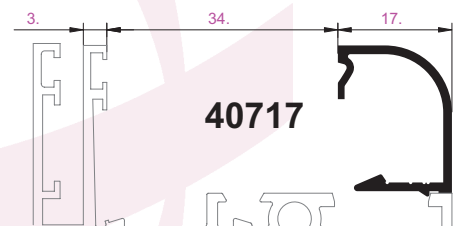
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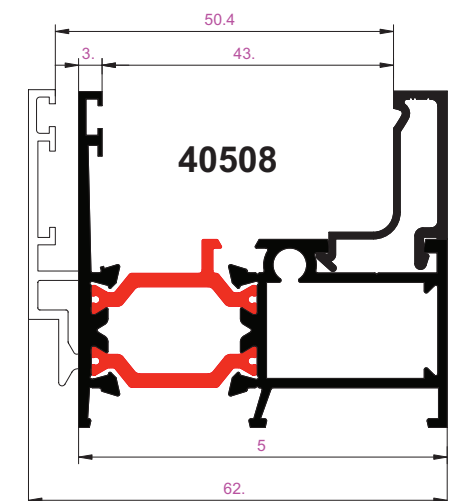
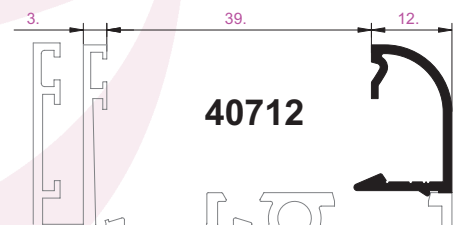
40619



40617

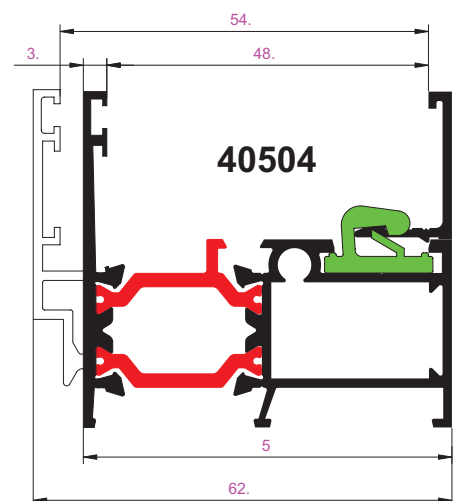


40612



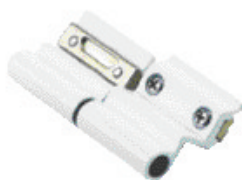
40912

40812





Dobradiça CE **REF: 8011**



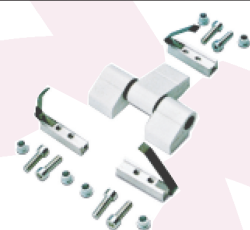
Dobradiça CE p/ 3ª folha
REF: 2001



Dobradiça p/ portada
REF: 2002



Dobradiça porta abertura
REF: 5001



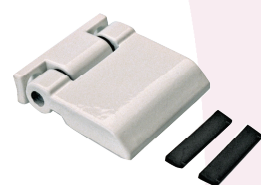
Dobradiça porta abertura
exterior
REF: 5002



Dobradiça XL porta direita
REF: 4024



Dobradiça XL porta esquerda
REF: 4025



Dobradiça p/ veda-luz
REF: 2050



Fecho liso abatível
REF: 70203



Fecho de cremone p/
abertura exterior
REF: 70205



Conj. de manípulos p/ porta
REF: 70204



Fechadura pressão
REF: 2200



Fecho p/ Veda-luz
REF: 3180



Fecho Bandeira CE
REF: 8000



Compasso regulável alumínio
REF: 8100



Kit Horiz./Vert. UNIK
REF: 30910



Compasso Horiz./Vert. grande
REF: 30911



Compasso Horiz./Vert. pequeno
REF: 30912



Compasso especial Horiz./Vert.
REF: 30913



Jogo de Fechos p/ 2.ª folha
REF: 60704



Fecho suplementar
Horiz./Vert. OB
REF: 30909



Barra cremone poliamida
REF: 9020



Jogo de fechos p/ 1.ª folha
REF: 66301



Jogo de Fechos p/ 2.ª folha
REF: 60708



Compasso regulável inox
REF: 8104



Kit abertura exterior 1 folha
REF: 70204



Kit abertura exterior 2 folhas
REF: 1031



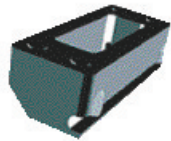
Fecho (Zamack)
REF: 0012



Terminal
REF: 3004



Terminal de 1 folha
REF: 3005



Terminal Duplo
REF: 3006



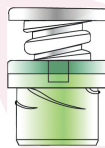
Conjunto de fecho de 2.ª folha
REF:3007



Terminal de 1 folha em Zamack
REF: 3008



Conjunto de fecho p/ 2.ª
folha autom.
REF: 3019



Nivelador regulável
REF: 0017



Distanciador de dobradiças
REF: 5009



Conjunto tapos p/ pingadeira
REF: 0104



Calço p. vidro
REF:0891



Peça p/ kit abertura exterior
de folha 18 mm
REF: 1010



Peça p/ kit abertura exterior
de folha 21 mm
REF: 1011



Goteira
REF: 8171



Topo inversor RT60
REF: 2038



Esqueneiro p/ bite curvo
REF: 8515



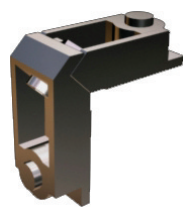
Esquadro reforço de nylon
REF: 8707



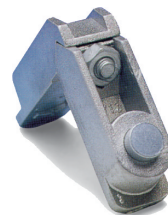
Esquadro reforço em inox
REF: 8707 i



Peça de ligação p/ bite curvo
REF: 8708



Esquadro p/ janela
REF: 4710



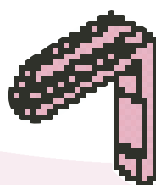
Esquadro p/ perfil veda-luz
REF: 4711



Esquadro
REF:2013



Esquadro
REF:2019



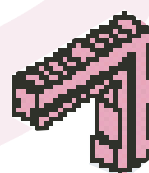
Esquadro alinhamento ext.
aros fixos
REF: 8801



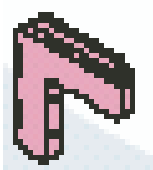
Esquadro folha porta
22 x 23,5 mm
REF: 4566



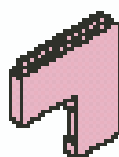
Esquadro ang. variável
REF: 1237



Esquadro alinhamento
ext. aro
REF: 8800



Esquadro alinhamento ext.
aros de portada
REF: 8802



Esquadro alinhamento ext.
aros de porta
REF: 8803



Esquadro calço p/ vidro
REF: 0008



Vedante exterior p/ vidro
REF: 0893



Vedante central
REF: 0894



Vedante batente p/
aro móvel
REF: 0895



Vedante de batente
REF: 0896



Cunha comp. 3-4 mm
REF: 0897



Cunha comp. 5-6 mm
REF:0898



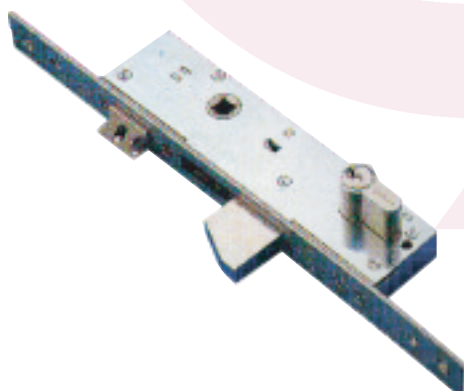
Cunha comp. 6-7 mm
REF:0899



Vedante p/ caixa de estore
REF:1265



Vedante batente p.v.c.
REF:1261



A 7001

Fechadura de trinco

A 7002

Fechadura de trinco

A 7003

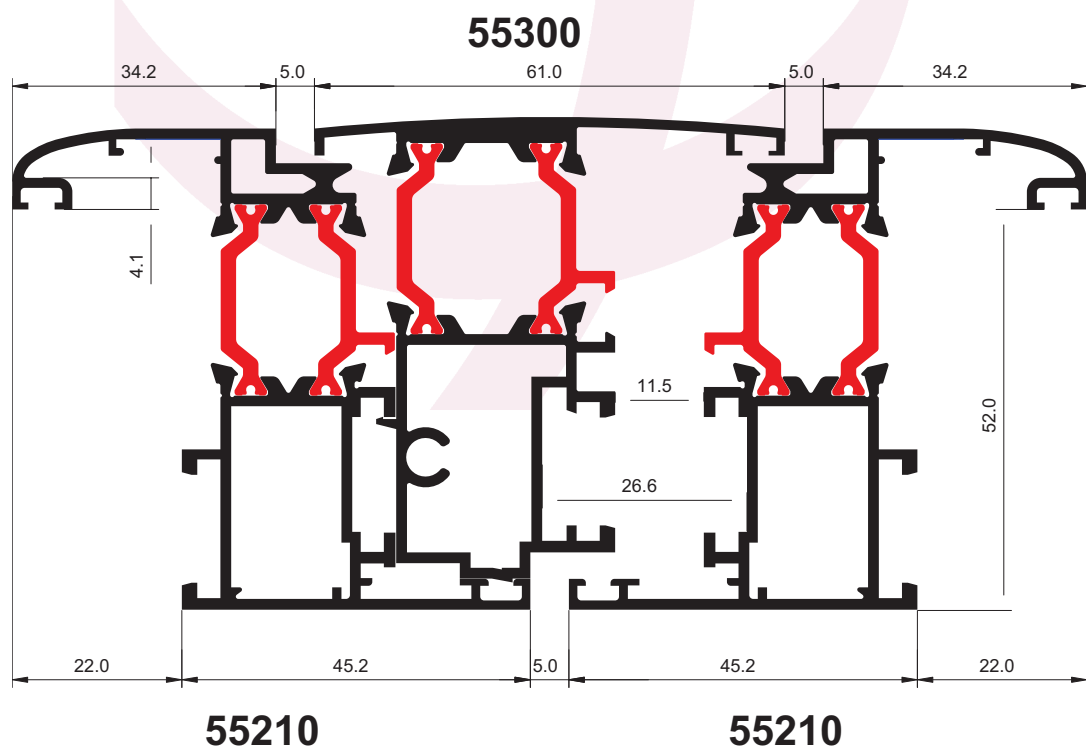
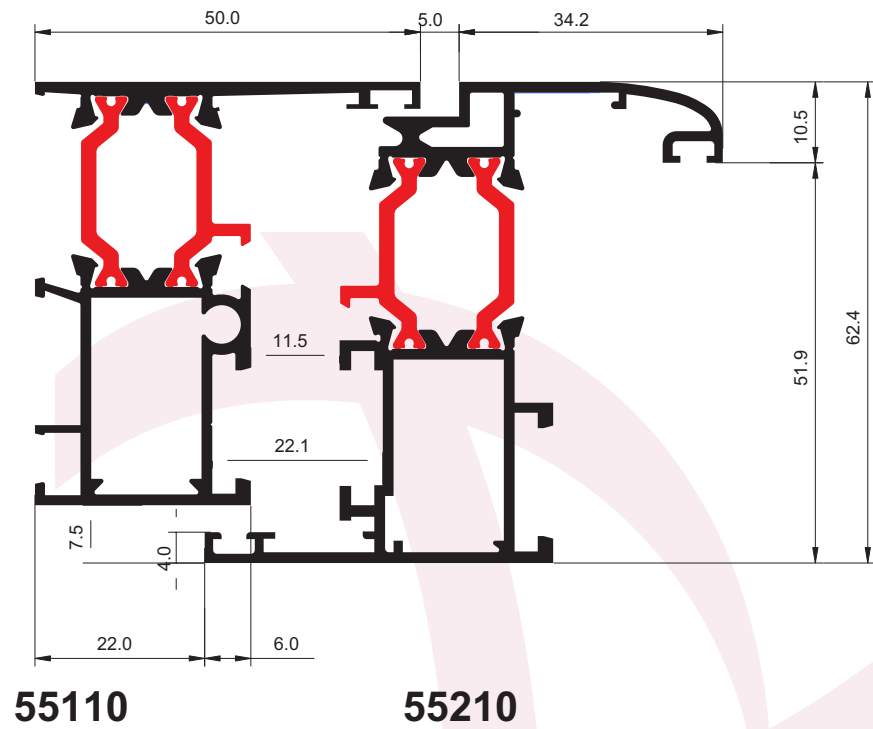
Fechadura de trinco (multiponto)

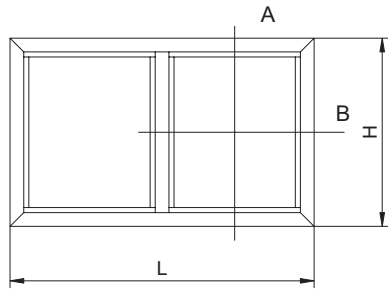
A 7004

Fechadura de trinco (eléctrica à face)

* Fechaduras disponíveis em versão eléctrica

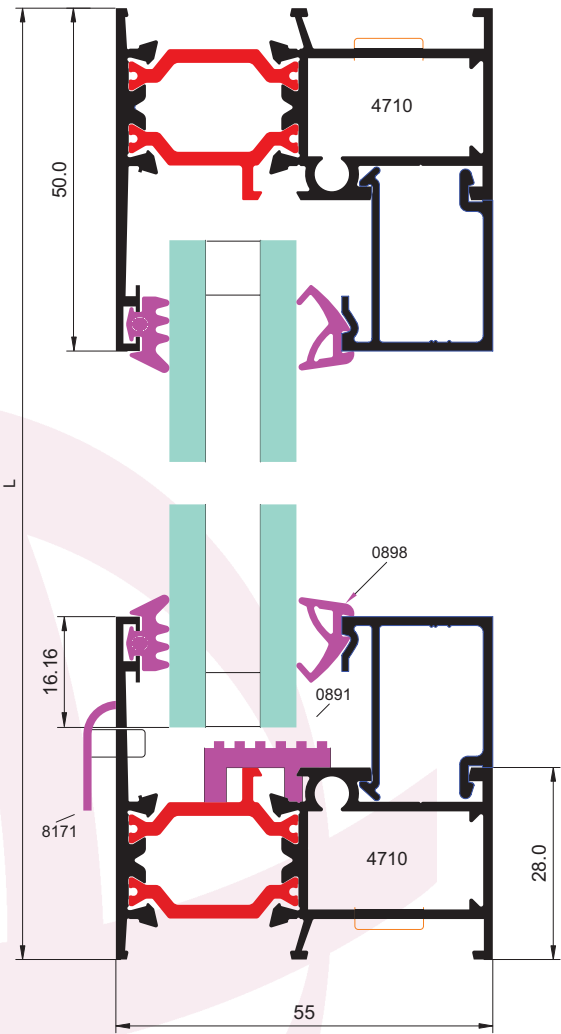
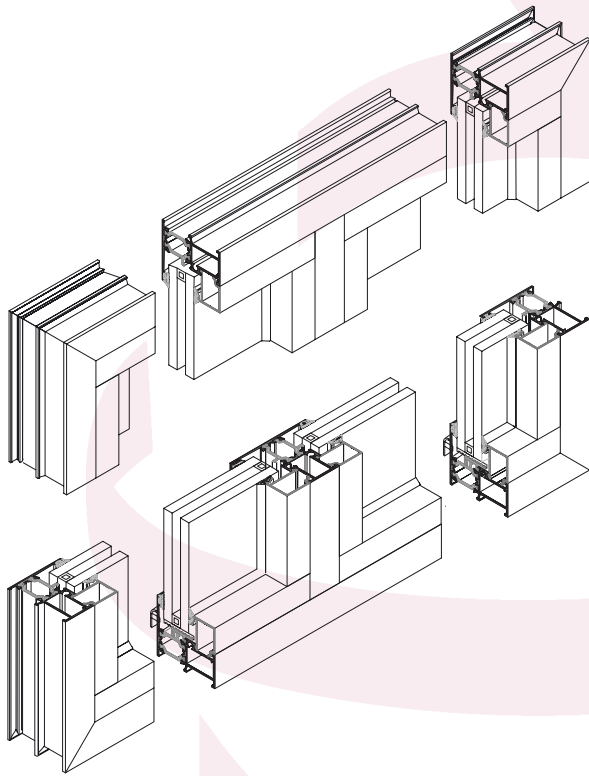
COTA BASE DO SISTEMA



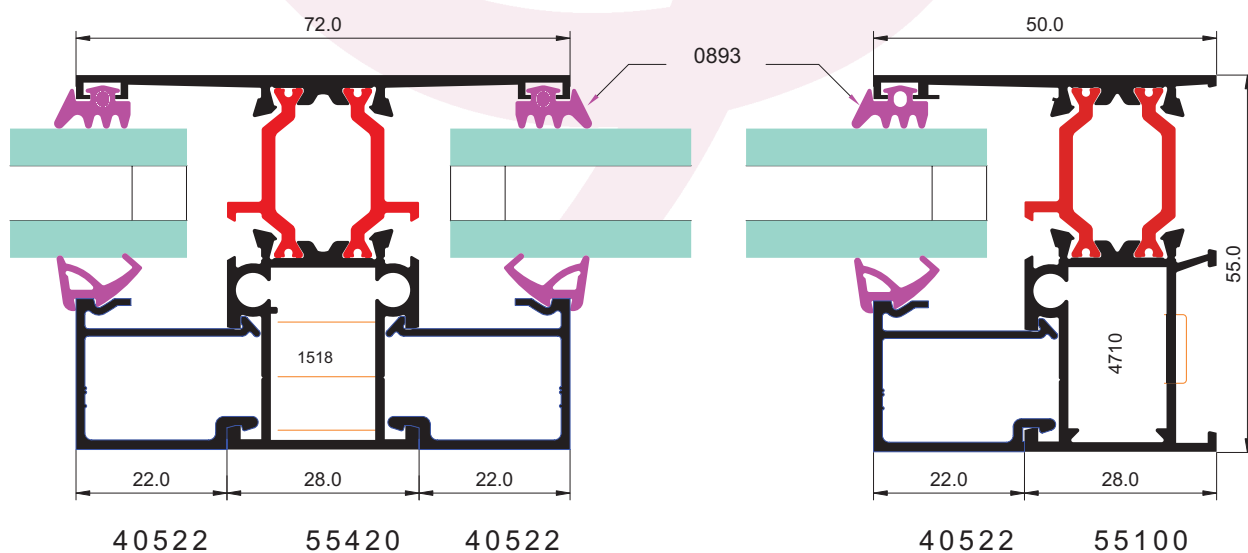


SECÇÃO A

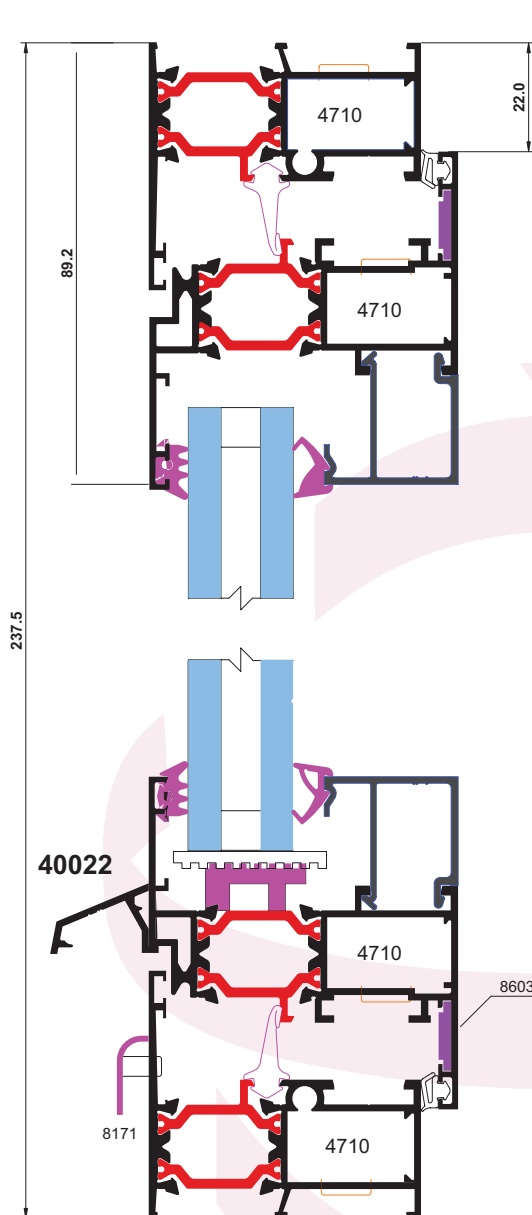
SOLUÇÃO FIXO COM MONTANTE



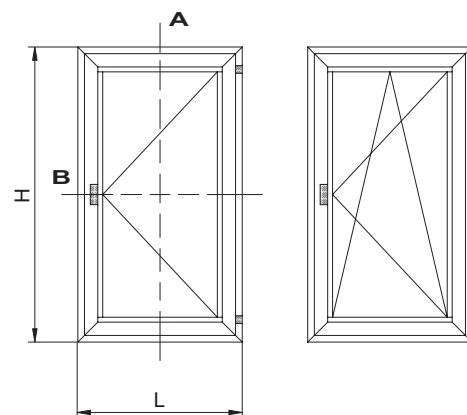
SECÇÃO B



Medidas de corte



SECÇÃO
A



MEDIDAS DE CORTE PARA JANELAS 1 FOLHA

REF. ARO	ARO		FOLHA	
	H	L	H	L
55100	H	L	H-44	L-44
55135	H	L	H-99	L-99
55150	H	L	H-44	L-44
55175	H	L	H-75	L-75

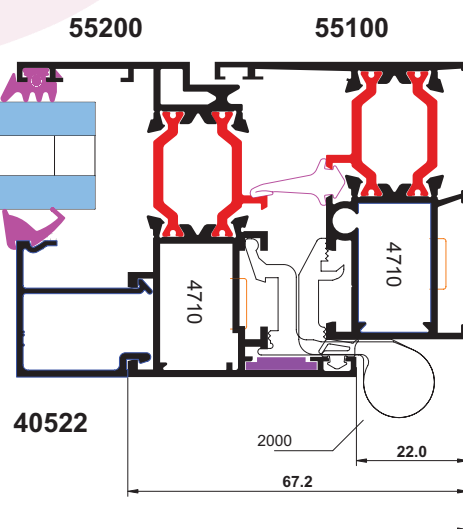
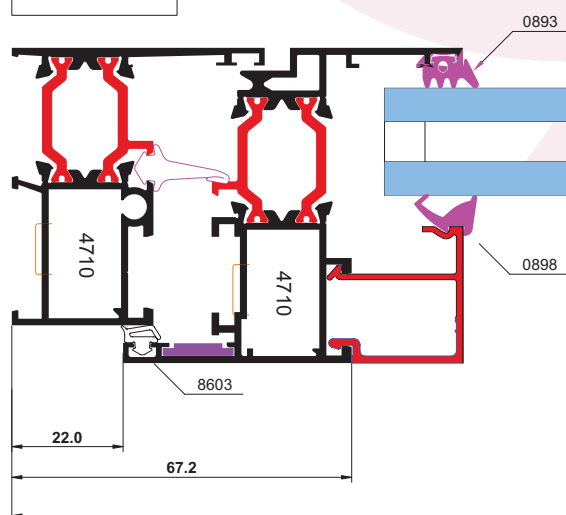
JANELAS 2 FOLHAS

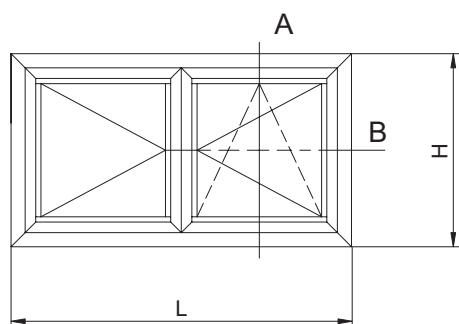
REF. ARO	ARO		FOLHA	
	H	L	H	L
55100	H	L	H-44	L/2-25
55135	H	L	H-99	L/2-52
55150	H	L	H-44	L/2-25
55175	H	L	H-75	L/2-40

INVERSOR 55300

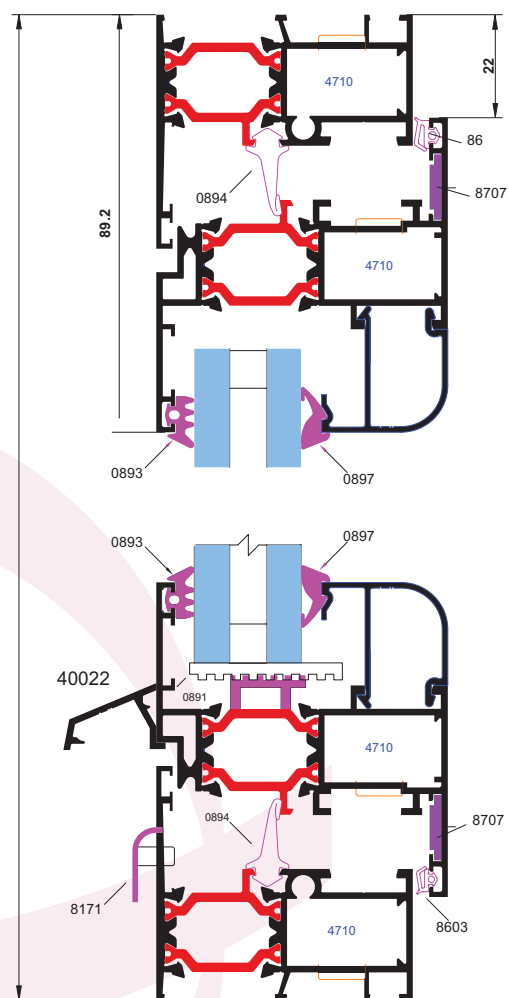
		H
55100		H-110
55135		H-165
55175		H-141

SECÇÃO
B





SECÇÃO
A

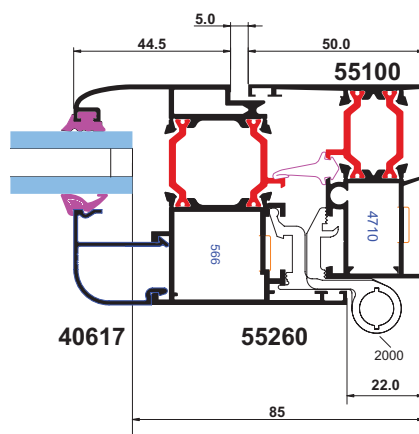
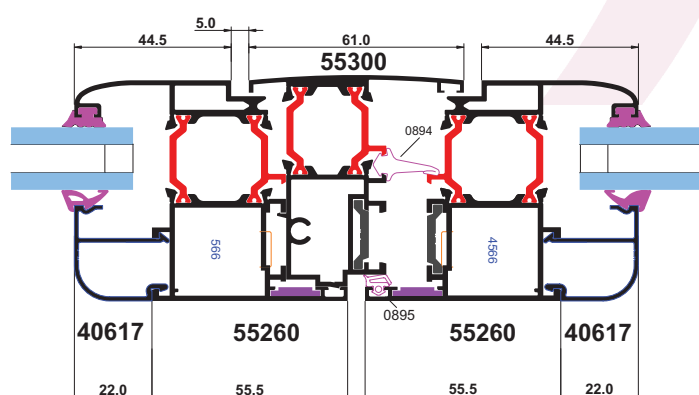


ACESSÓRIOS E FERRAGENS 1 E 2 FOLHAS

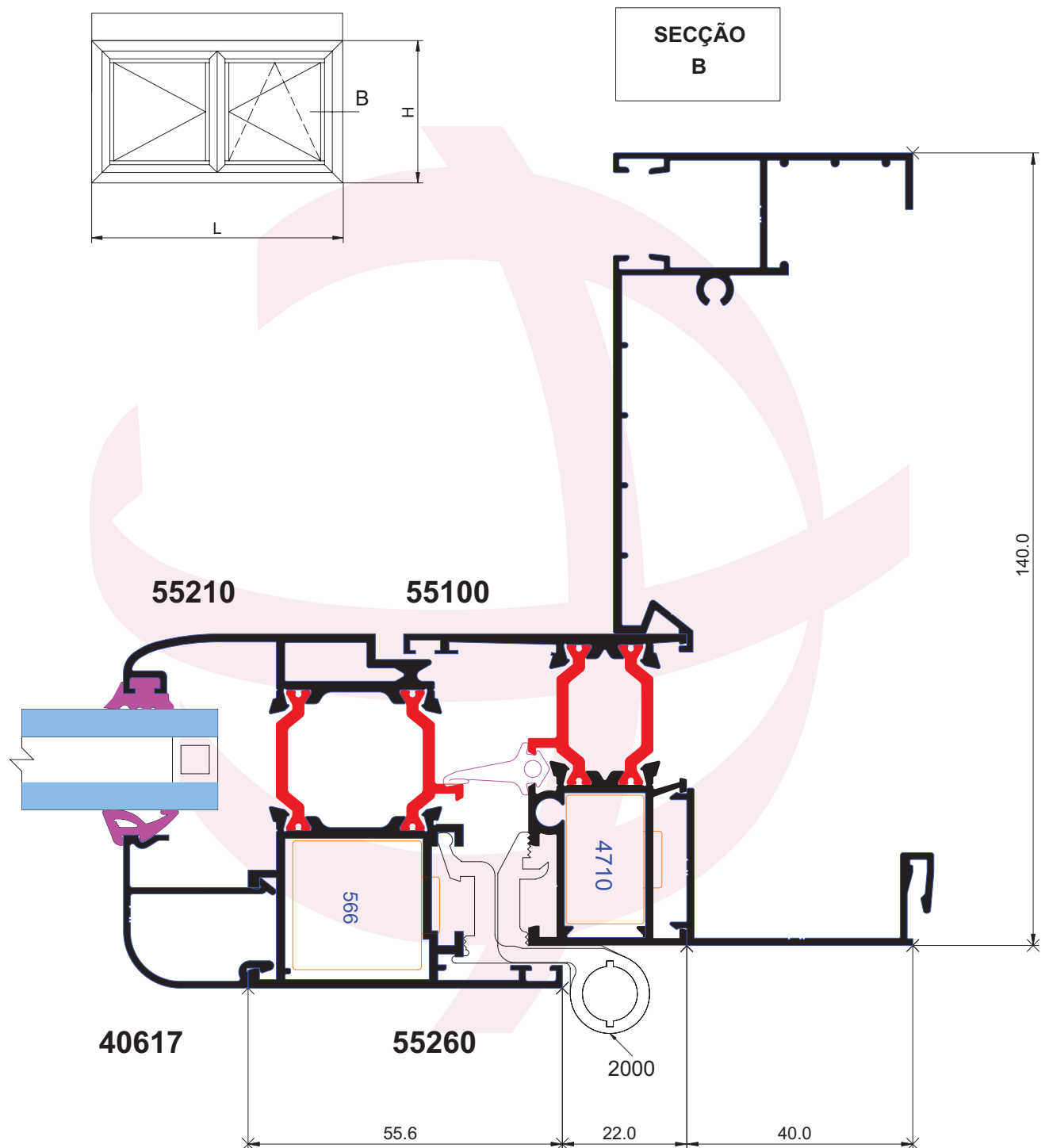
REF:

	1 HOJA	2 HOJA	1 HOJA OB	2 HOJA OB
4566	8	12	8	12
0895	2H+2L	3H+2L	2H+2L	3H+2L
0894	2H+2L	3H+2L	2H+2L	3H+2L
0897	2H+2L	4H+2L	2H+2L	4H+2L
2000D	2	2	-	-
2000I	-	2	-	-
1142	1	1	-	-
8707	4	8	4	8
8171	2	4	2	4
2028	-	1	-	1
3001	1	-	-	-
3002	-	1	-	-
1800	-	-	1	1
1844	-	-	1	1
1845	-	-	1	1
3009	-	-	-	1
1410	-	-	-	1

SECÇÃO
B

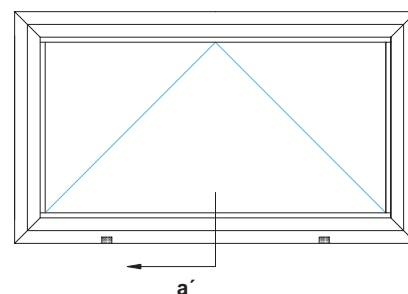
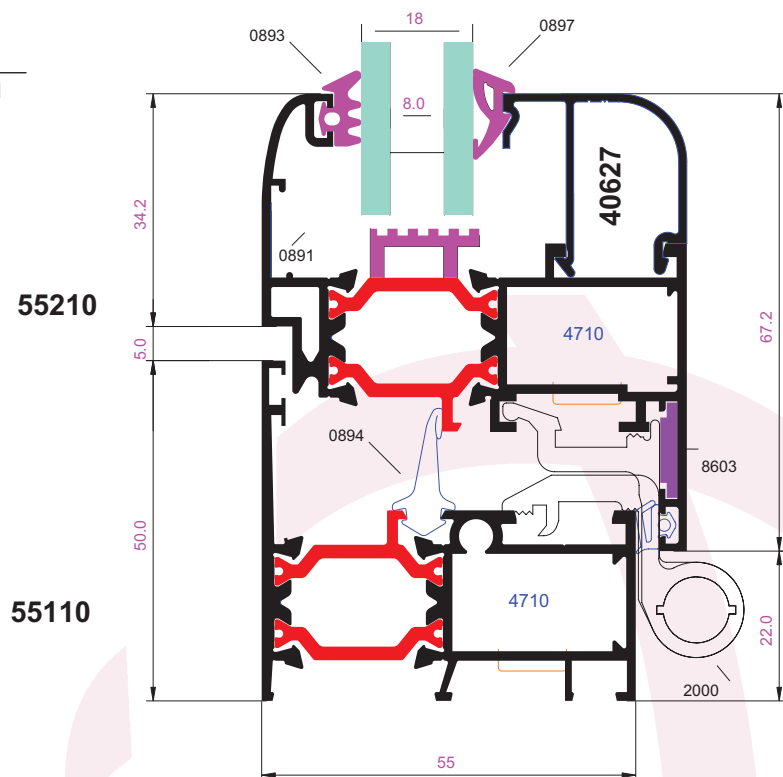


Medidas de corte



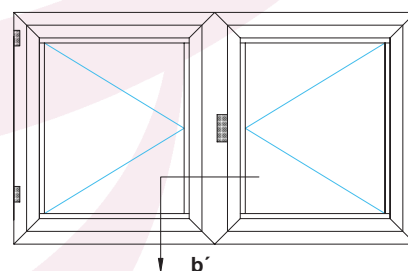
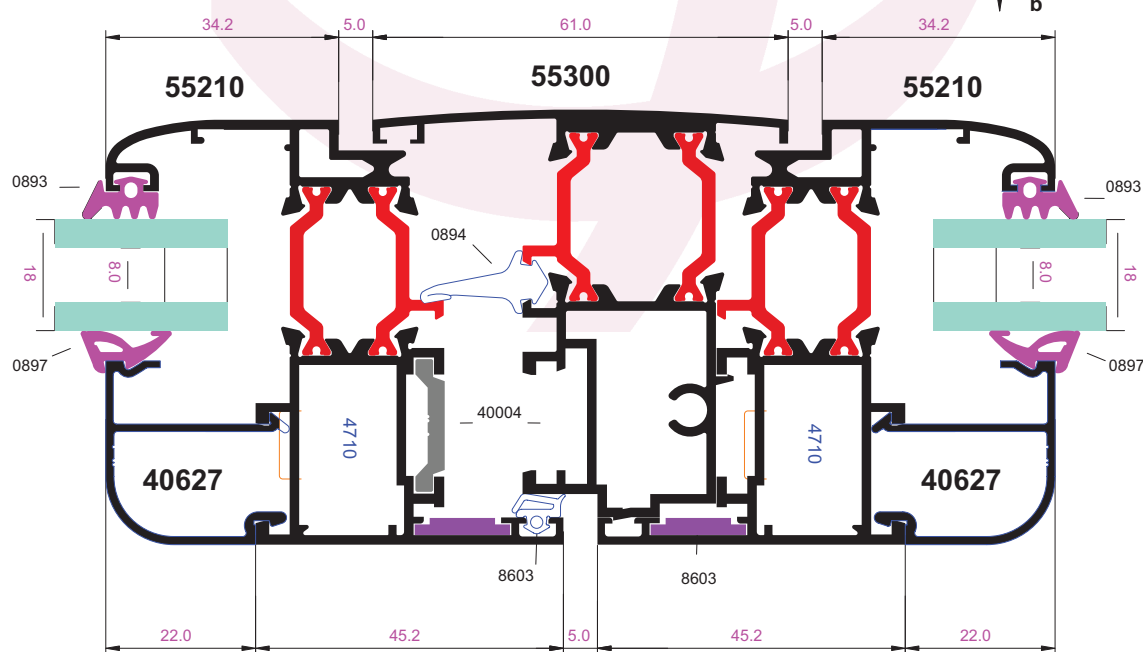
Secção de Janela Basculante

a'
E-1.1



Secção Central

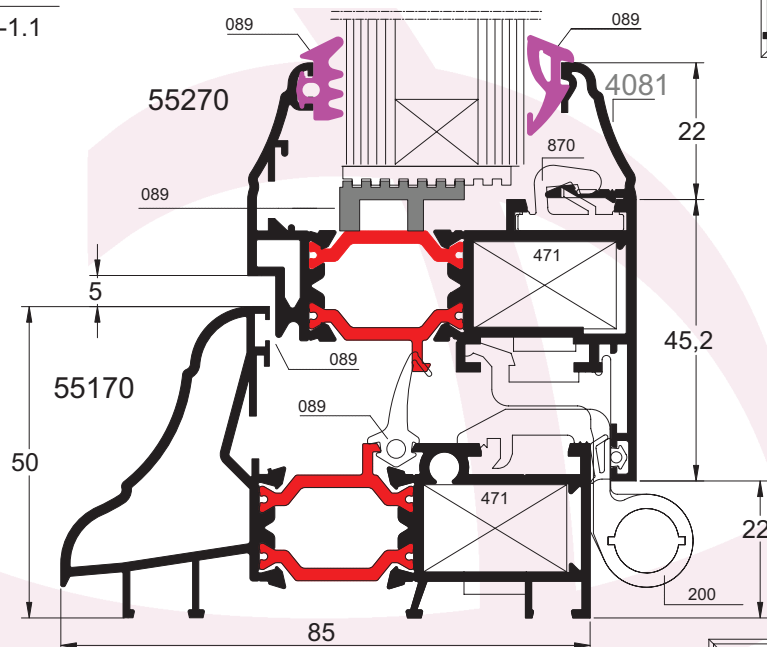
b'
E-1.1



Secções

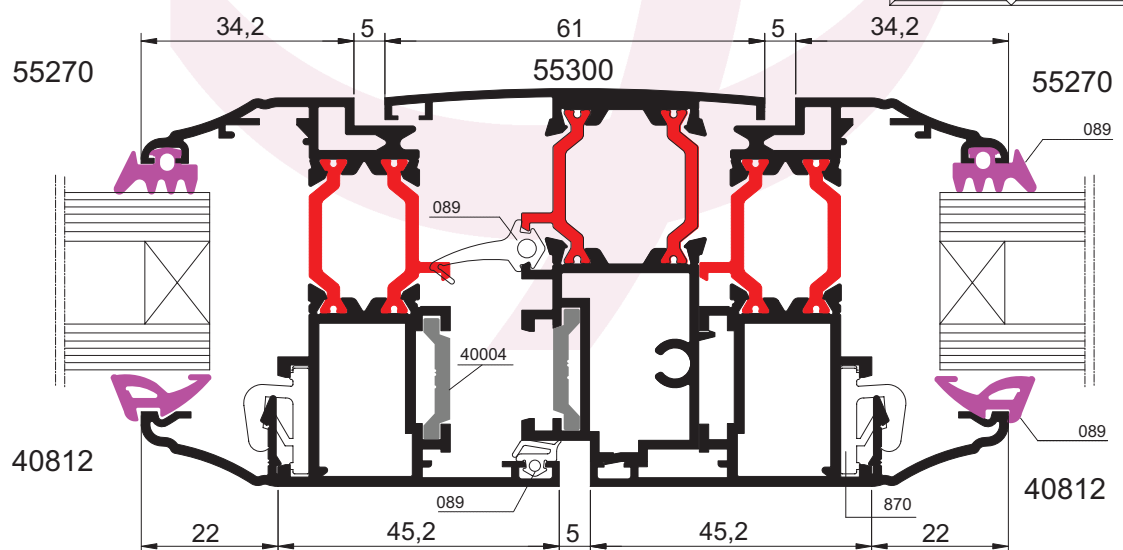
Secção de janela rústica inferior

A
E-1.1



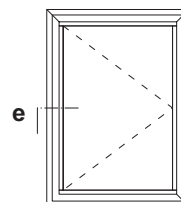
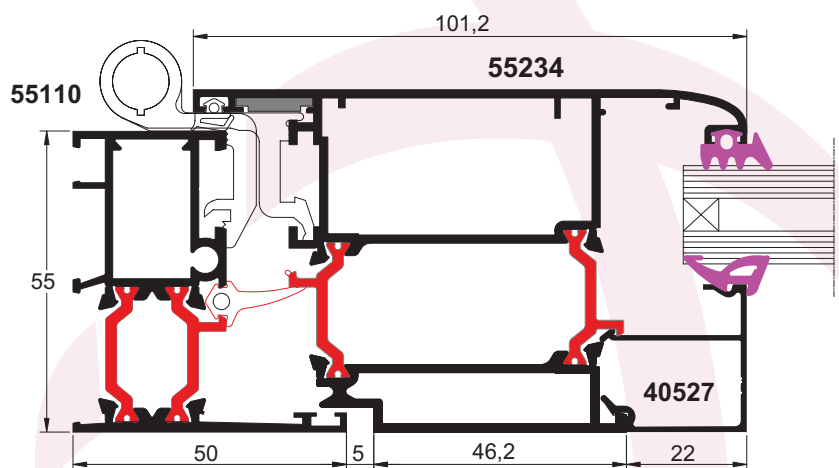
B
E-1.1

Secção central rústica



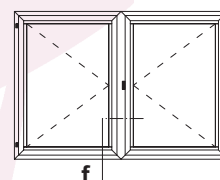
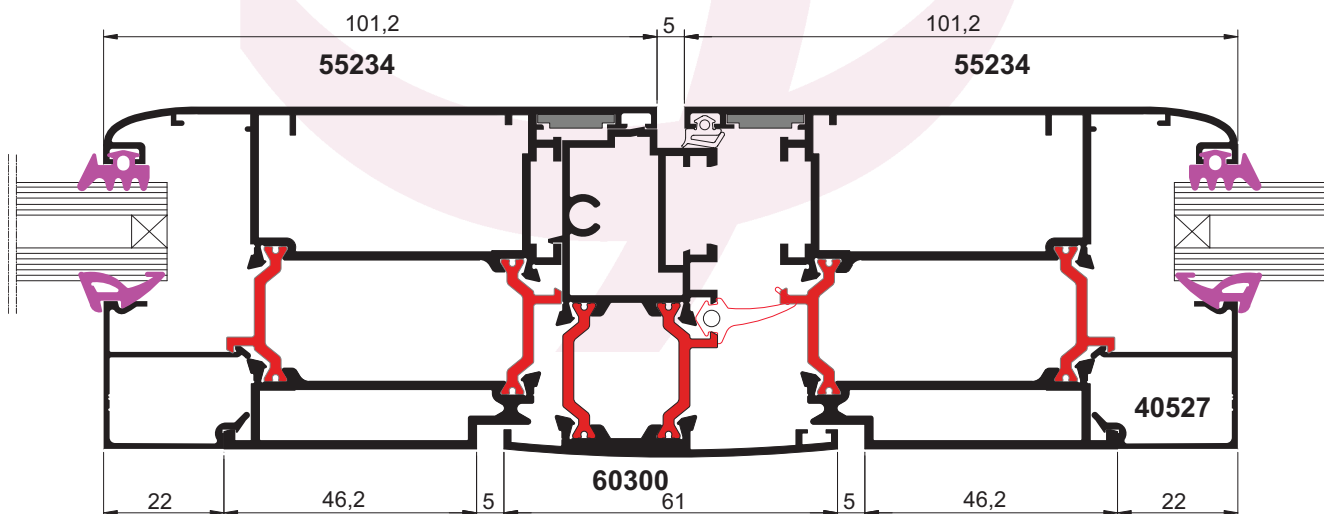
Secção porta c/ abertura p/ exterior

$\frac{e'}{E:1/1}$



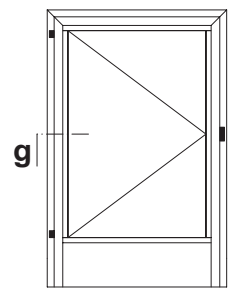
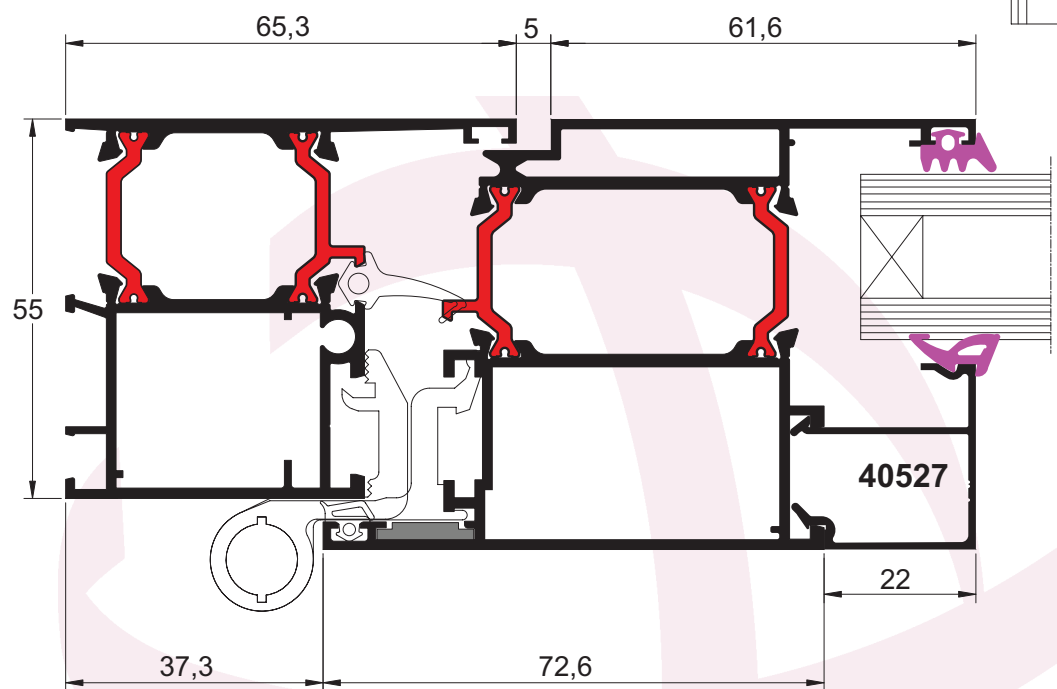
Secção central porta c/ abertura p/ exterior

$\frac{f'}{E: 1/1}$



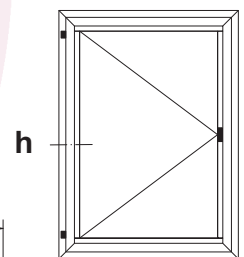
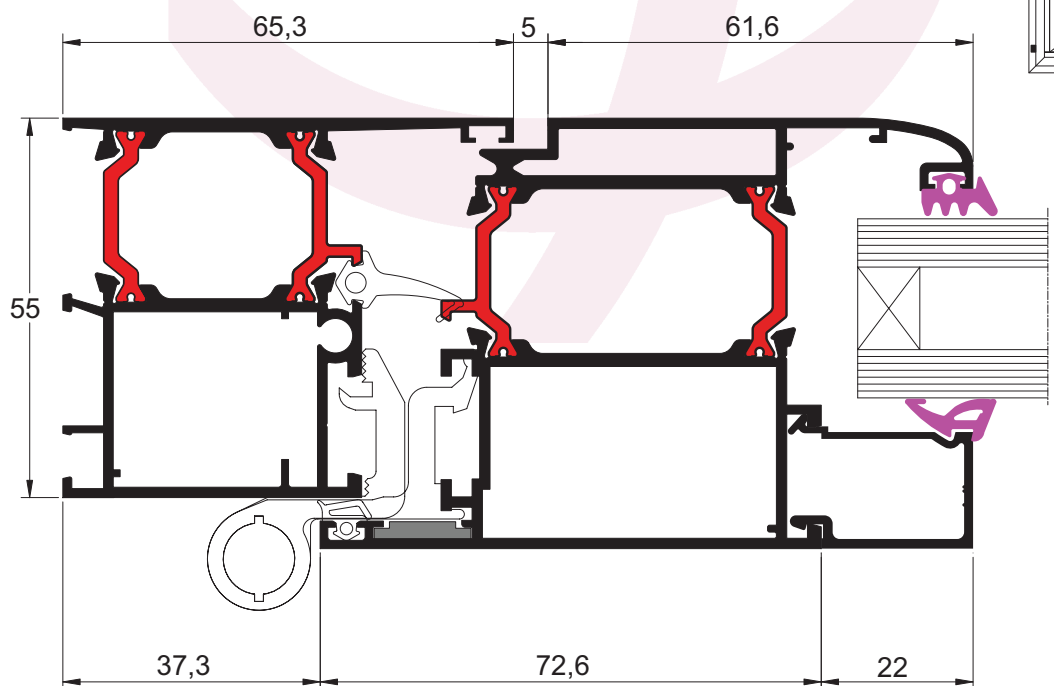
Secção folha de porta linha recta

$\frac{g'}{E: 1/1}$



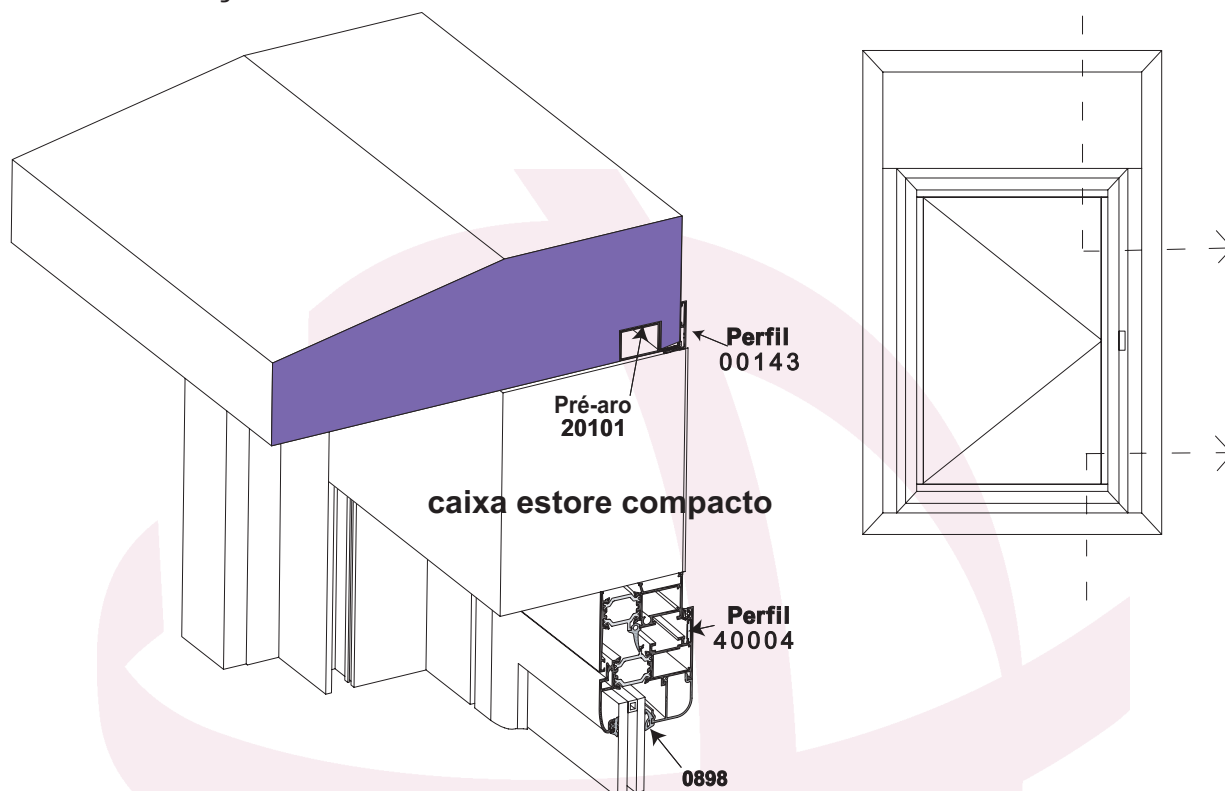
Secção de folha de porta linha curva

$\frac{h'}{E: 1/1}$

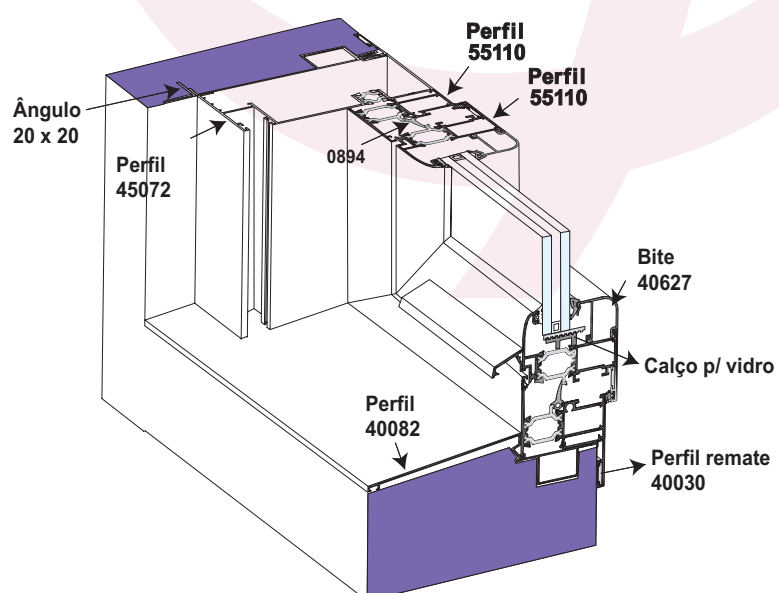


Perfil monobloco

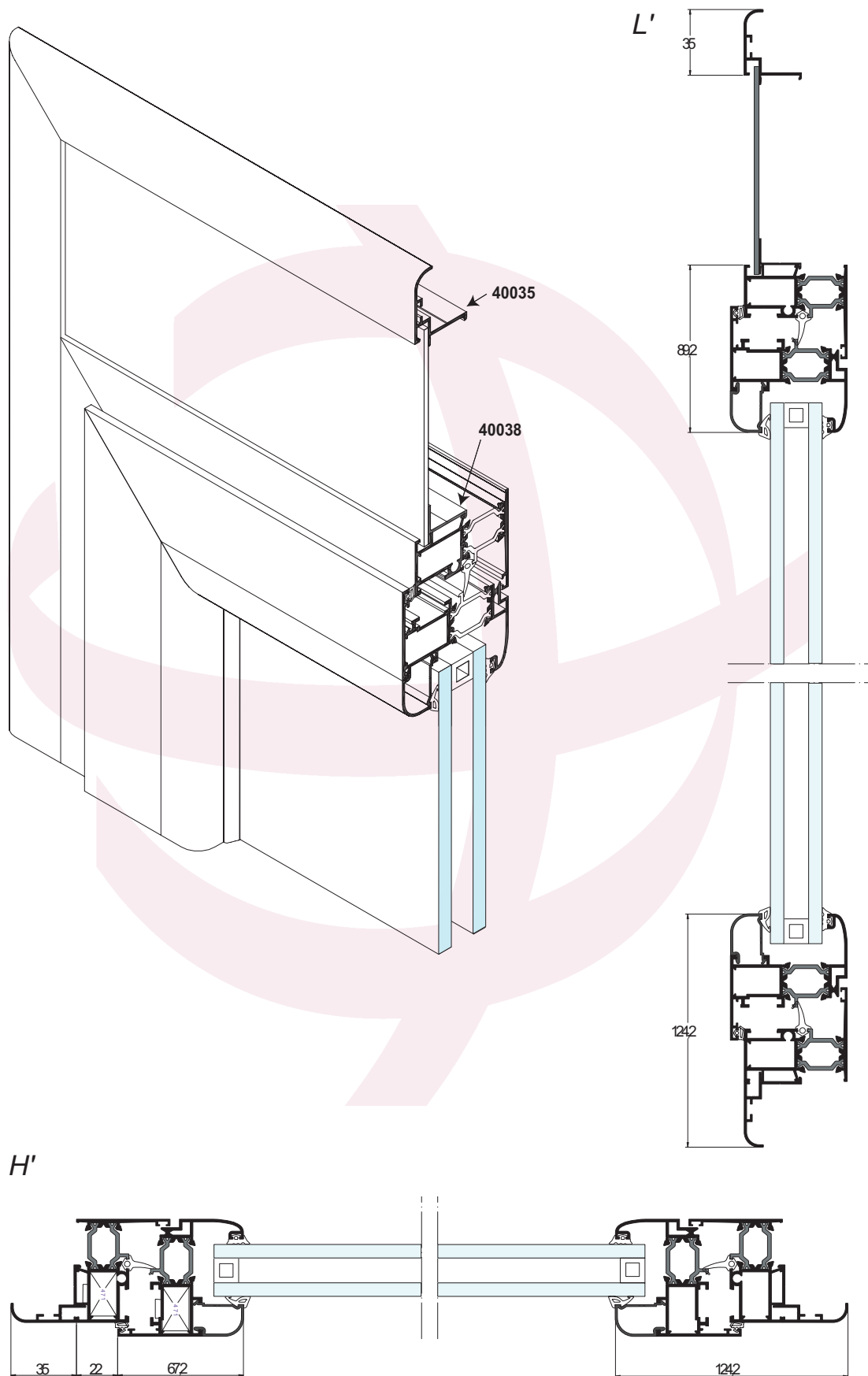
A' secção vertical



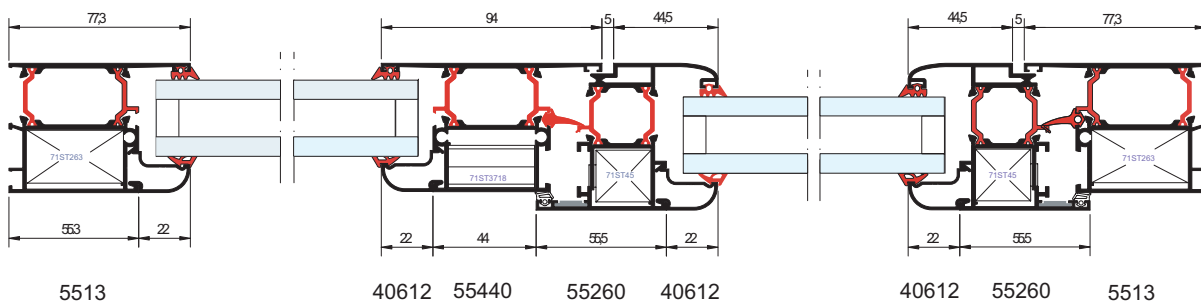
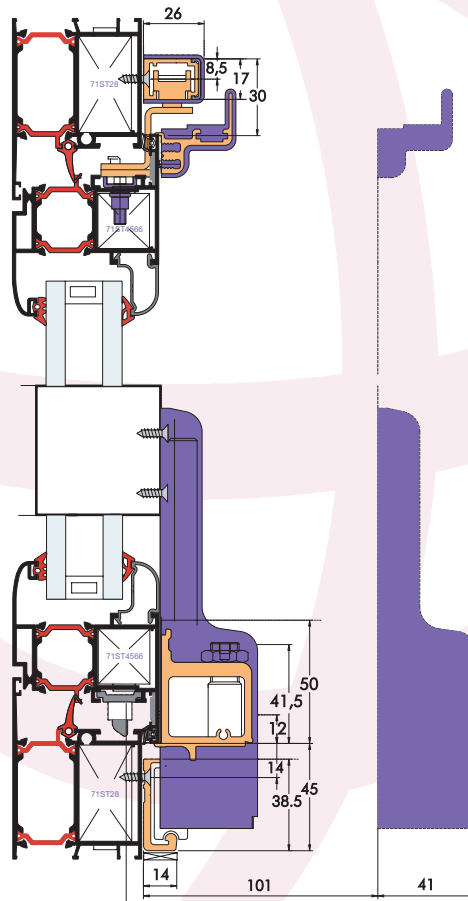
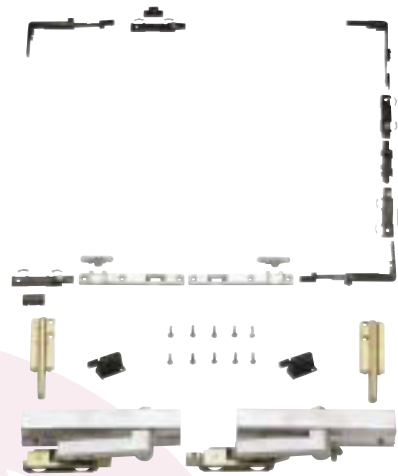
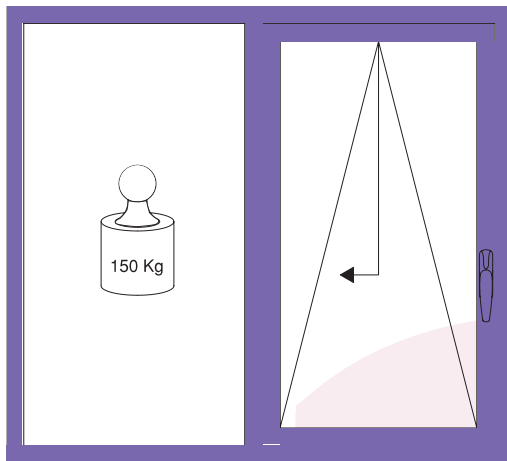
B' secção vertical



Aro móvel s/ bite

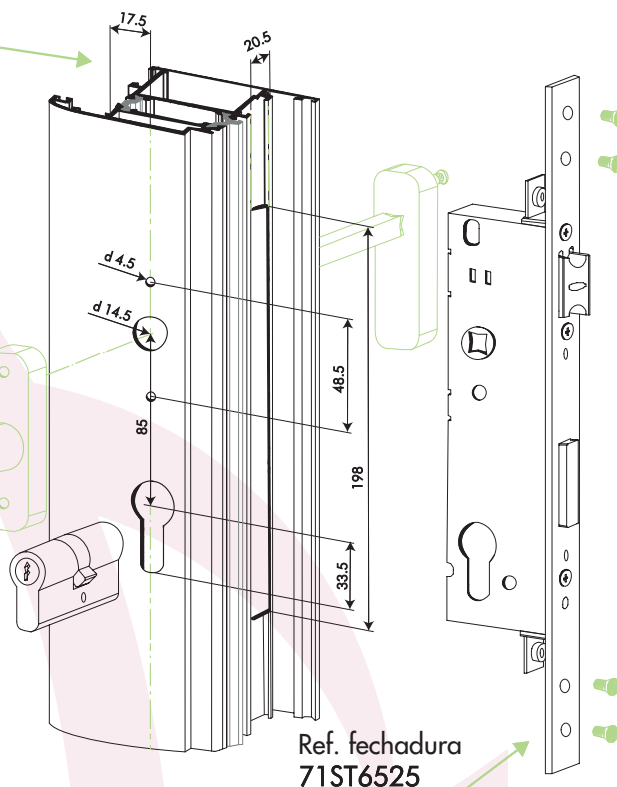


Sistem OP (oscilo-paralela)



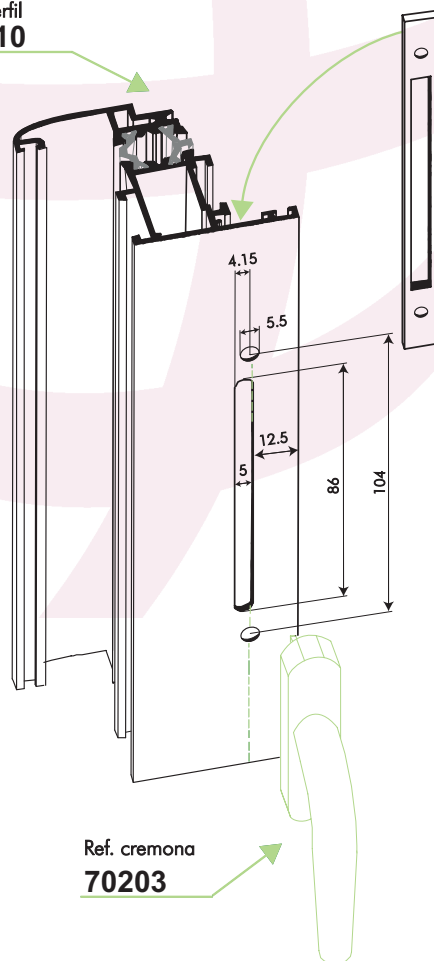
Aplicação de fechaduras

Ref. perfil
55240



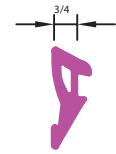
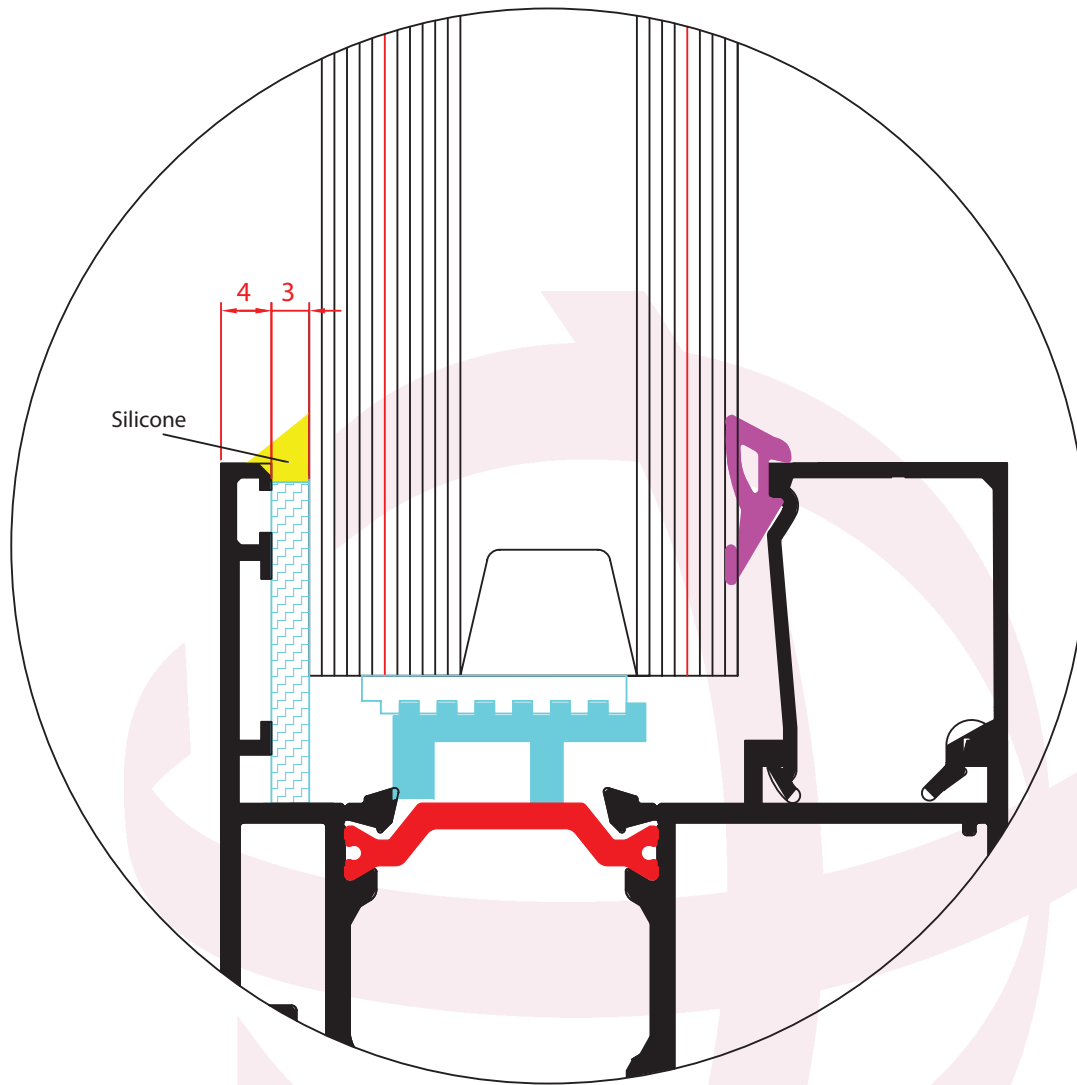
Aplicação de cremones

Ref. perfil
55210

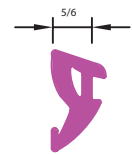


Ref. cremona
70203

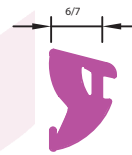
Aplicação de calços para vidro



0897



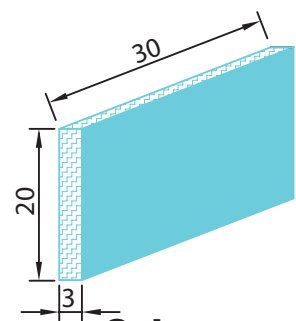
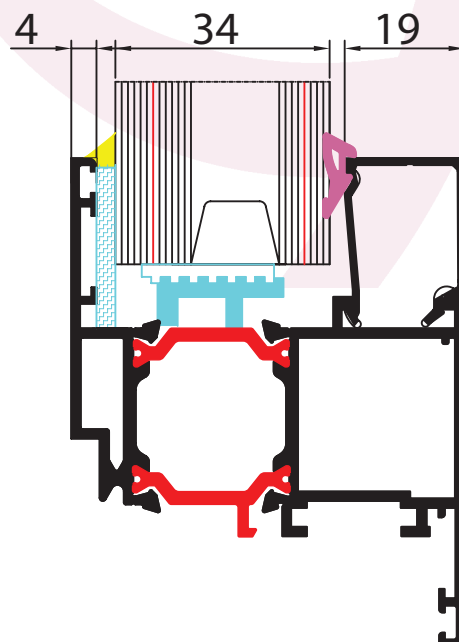
0898



0899

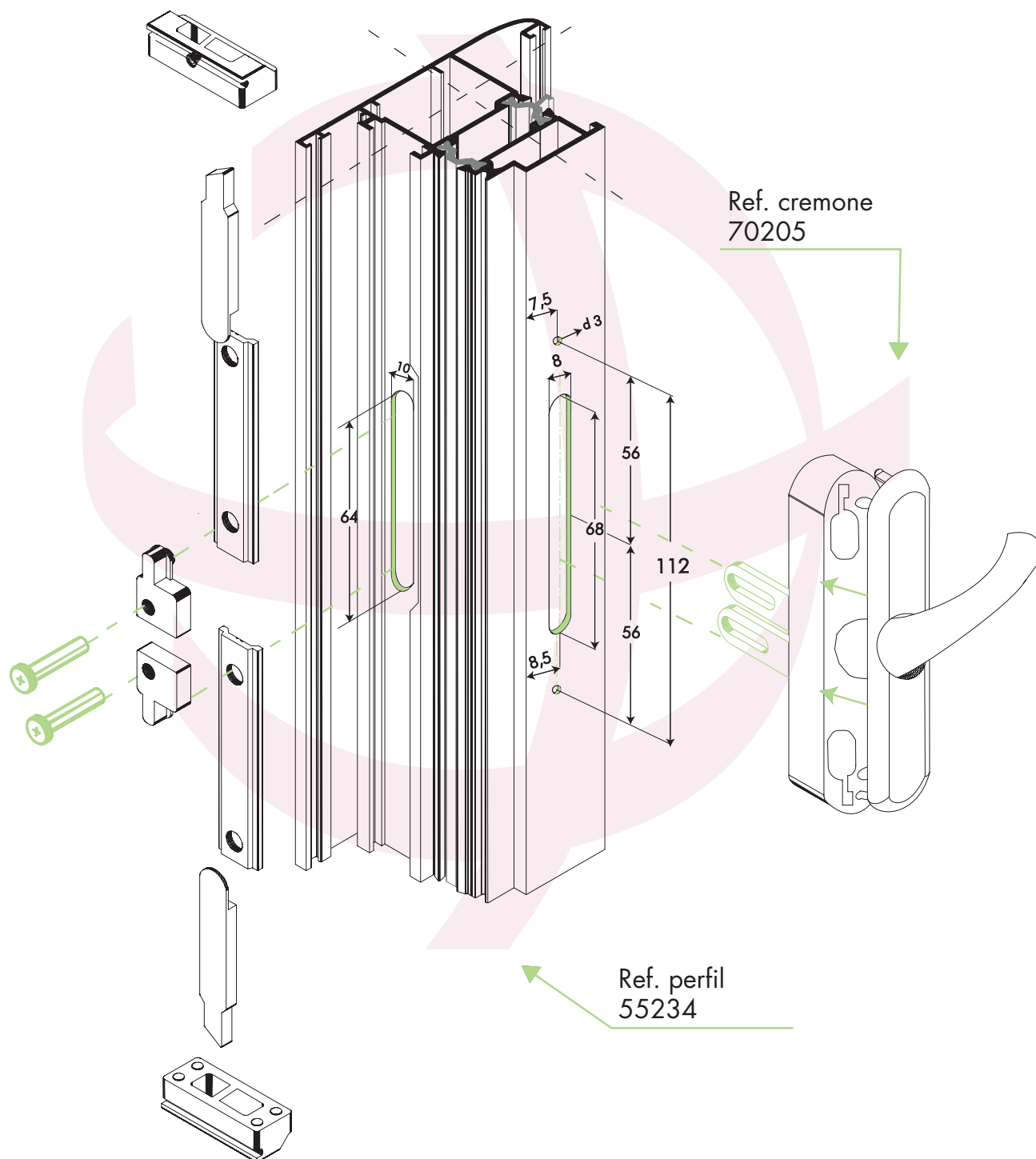


0890/0891



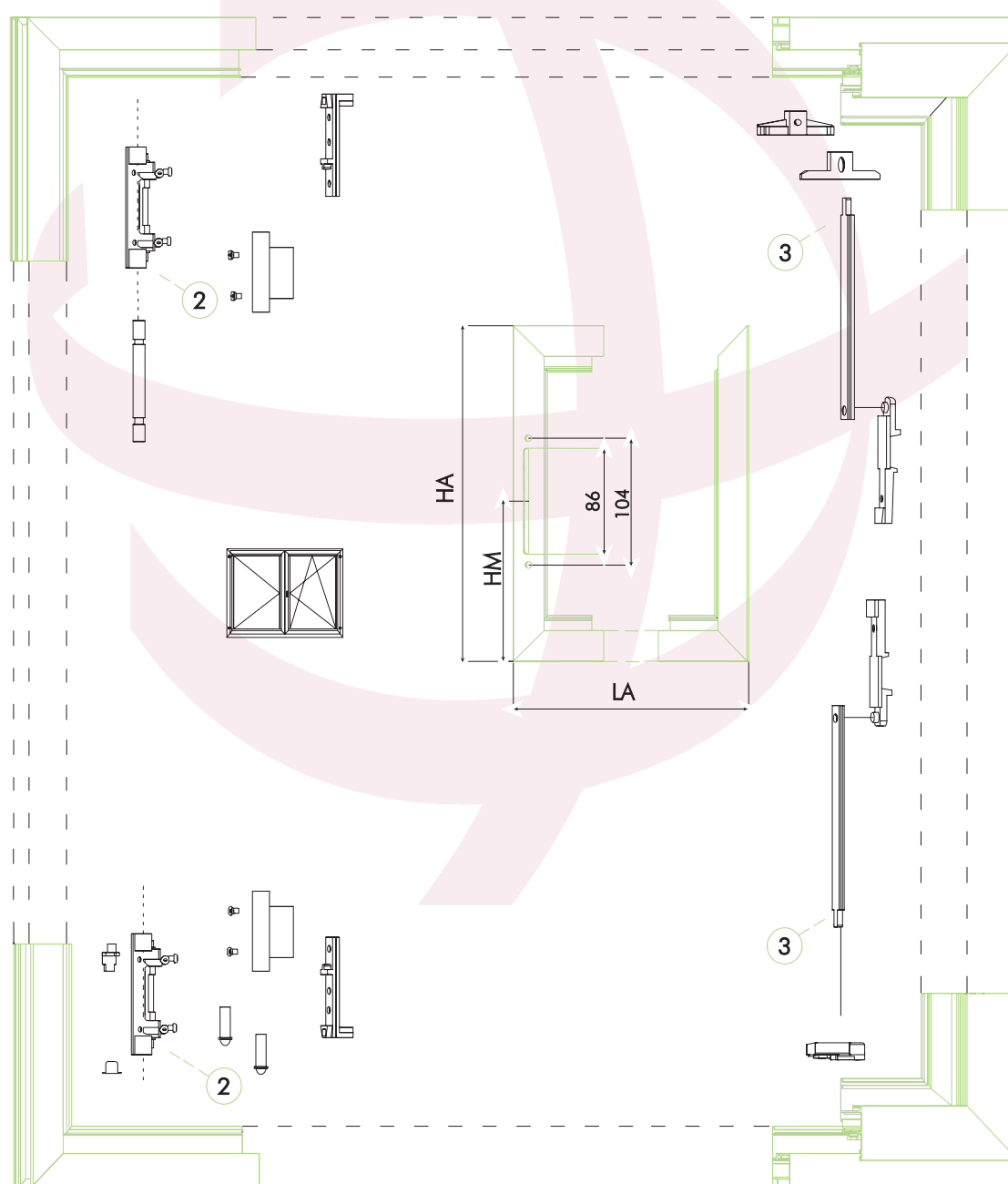
Calços
0892

Aplicação de cremone abertura exterior



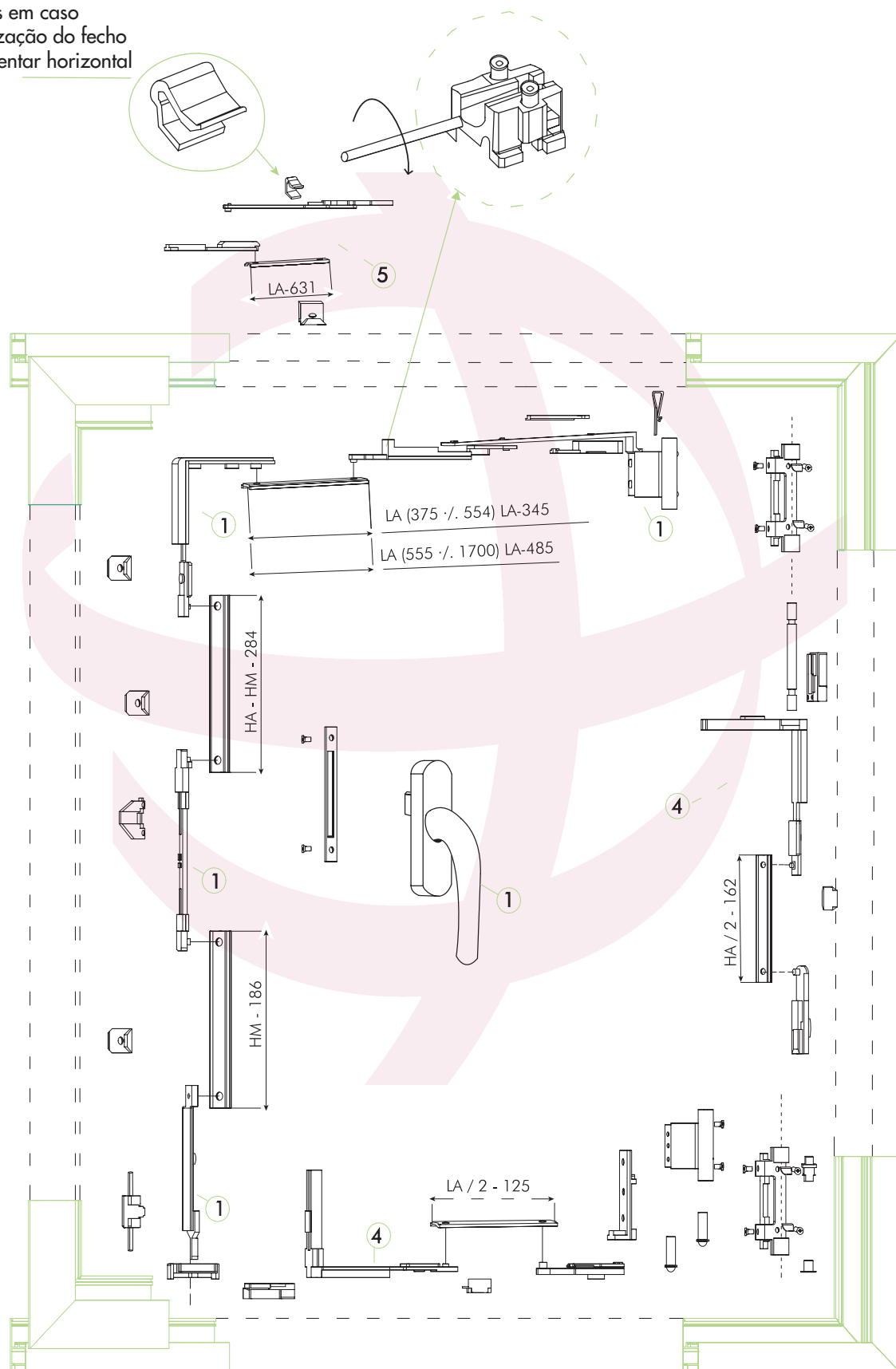
Aplicação ob 1 FOLHA / 2 FOLHAS

N.º	ARTIGO	DESCRIÇÃO
1	1800	Mecanismo Base Kit dobradiças OB 1 folha (jgo.) 70 Kg. Cremone Máxima OB.
2	1410	Kit dobradiças 2ª folha OB + CE
3	1768	Conjunto de fechos de 2ª folha OB
4	1843	Fecho supl. Horz. Vert. OB.
5	1846	Braço suplementar OB.

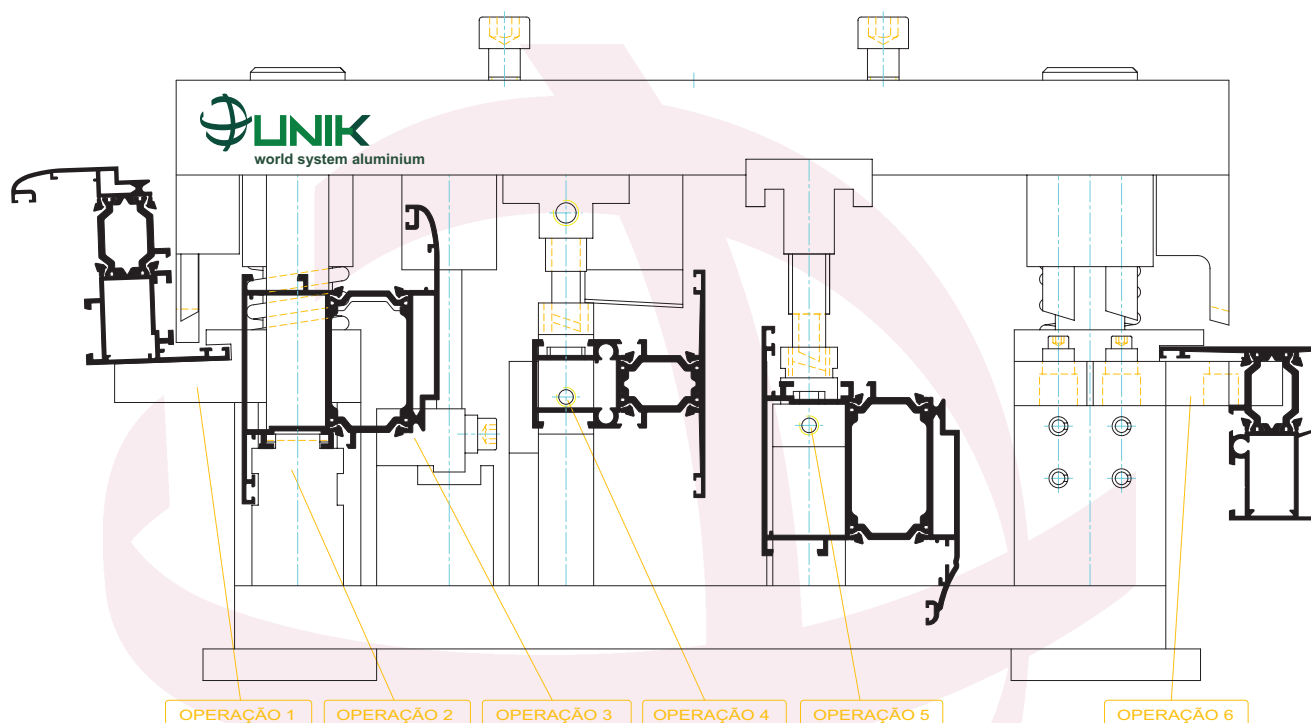


Aplicação ob 1 FOLHA / 2 FOLHAS

Apenas em caso
de utilização do fecho
suplementar horizontal

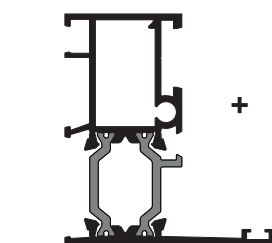


CUNHO BATENTE UNIK



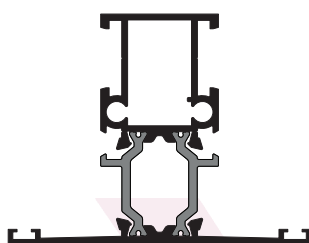
OPERAÇÃO 1	OPERAÇÃO 2	OPERAÇÃO 3	OPERAÇÃO 4	OPERAÇÃO 5	OPERAÇÃO 6
55200 55205 55210 55220 55234 55240 55270 55285	55200 55205 55210 55220 55234 55240 55270 55285	40004	55420 55421 55440 55441	55100 55110 55130 55135 55140 55150 55156 55170 55175 55200 55205 55210 55220 55234 55240 55270 55285	55100 55110 55130 55135 55140 55150 55156

Aro fixo



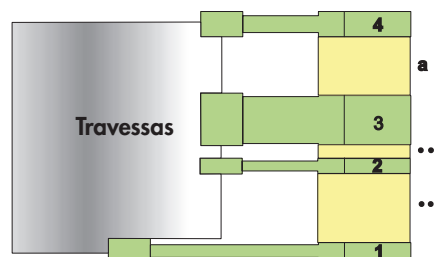
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55135-55140-55150
55156-55170

Travessa

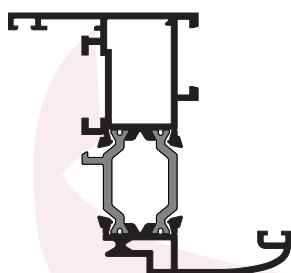


55420-55440
55460

Grupo frezas 0313

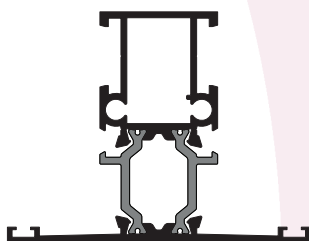


Aro móvel curvo



55210-55234-55240

Travessa



55420-55440
55460

Grupo frezas 0313

